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# FIELD ENGINEERING AND CONSTRUCTION

## PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

MARCH 6, 1978

BRITISH COLUMBIA
DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
LINCOLN
FLATHEAD
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
DANIELS
SHERIDAN
PONDERA
BLAINE
VALLEY
ROOSEVELT
SANDERS
LAKE
TETON
CHOUTEAU
RICHLAND
LEWIS AND CLARK
CASCADE
FERGUS
PETROLEUM
GARFIELD
MCCONE
DAWSON
MINERAL
MISSOULA
JUDITH BASIN
PRAIRIE
WIBAUX
POWELL
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
GRANITE
BROADWATER
JEFFERSON
GALLATIN
SWEET GRASS
STILLWATER
YELLOWSTONE
TREASURE
CUSTER
FALLON
RAVALLI
DEER LODGE
SILVER BOW
BEAVERHEAD
MADISON
PARK
CARBON
BIG HORN
POWDER RIVER
CARTER
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved:
H J Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
MARCH 3, 1978

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in area 1130 for the period ending March 3, 1978.

## G E N E R A L

Skies have been overcast with some snow and temperatures moderate the past month . Progress has been fair on the active projects.

## P R E C O N S T R U C T I O N

I 90-1(77)22 U-7, Drexel-East & West
Length-5.342 Miles, Construction Staking
James Cyr, Field Project Manager
St. Regis, Montana, Phone 649-2471
Two five man survey crews working five eight hour shifts per week relocating centerline and slope staking. One crew has re-staked mainline from Sta. 153 to 167+45. Second crew has staked east and west bound from Sta. 307 to 320.

HHS 6-1(2)69, Plains-West
Length-6.7 Miles
Carl Smith, Field Project Manager
General Delivery, Plains, Montana
Survey is complete. Survey data has been forwarded to Helena.

RF 6-1(4), Plains-Paradise
Length-6.9 Miles
Carl Smith, Field Project Manager
General Delivery, Plains, Montana
Work the past month consisted of making section ties and city limits for both Plains and Paradise. Also tying in Railroad and streets to the centerline. Cross sectioned 1000 feet of frozen pond. HYD. Form #1 on Bager Creek. The project as a whole is 51% complete.

F 6-1(15), Thompson Falls-East
Length-10 Miles, Preliminary Engineering
Personnel Unassigned.
Work will be started when personnel are available.

F 7-1(9), Darby North and South
Length-17 Miles
Personnel Unassigned.
Work will be started when personnel are available.

FF7-1(10), Victor-South
Length-9.5 Miles
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Project is 30% complete. Some work has been done on this project the past month.

FF 7-1(11), Florence-Lolo, Add 2 lanes
Personnel on other projects.
Jim Smith, Designer II
Inking of cross-sections completed this past period. Design is 29% complete.

F 41-1(1), Avon-North Overlay
Length-7.8 Miles
Jim Smith, Designer II
Missoula, Montana, Phone 549-6491

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Cross-sections showing corrective action for the heaving roadway section from Sta. 1424+ to 1442+ was submitted for review to Helena on Feb. 8, 1978. Appropriate changes on the riprap as recommended by Hydraulics Unit, from Sta. 1060+25 to 1063+25 is currently being made. Design is 45% complete.

F 197(8), Dixon-Ravalli
Length-8.5 Miles, Preliminary Engineering
Work will be started when personnel are available.

Personnel Unassigned

RS 269-1(01), State Route 269, Stevensville
Length-0.8 Miles
Additional cross-sections and topog on South end of project received from survey crew on February 24, 1978. Information currently being incorporated in plans and cross-sections. Design is 26% complete.

Jim Smith, Designer II
Missoula, Montana, Phone 549-6491

M 8114(1), Missoula
Fifth, Sixth, Seventh Streets
Length-1.9 Miles
Survey data has been submitted to the Division office. It will be forwarded to Helena after it is checked.

Tom Oertli, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable completion date-February 1, 1978

## CONSTRUCTION

I 90-1(80), Lookout Pass-East
Length-10.732 Miles, AGS-PMS-PCCP,
Guard Rail and Signs
Contract awarded May 6, 1975
Amount of Contract-$5,359,580.07
Work started June 30, 1975
Work Proceed date-May 28, 1975
The Final estimate will be forwarded to Helena about March 24, 1978.

Northwest Construction, Inc.
Kirkland, Washington, Contractor
Mike Jovanovich, Engineer Tech. 3
St. Regis, Montana, Phone 649-2460
Contract time - 200 working days
Project completed October 28, 1977

I 90-1(80)0 U-2, Lookout Pass-Saltese
Median Rail Removal

Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460

Project let February 23, 1978. No award information is available.

I 90-1(78)11, Saltese-DeBorgia
Length-10.8 Miles
PMS, PCCP, & Related Items
Amount of Contract-$6,244,632.55
Contract Awarded-May 24, 1977
This project is shut down for winter and all personnel are assigned to other projects. Weekly letters will resume in the spring when work resumes. The Contract as a whole is 52% complete with 40% of the contract time elapsed. Construction layout is 45% complete.

Peter Kiewit Son's Company
Billing, Montana, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Probable Completion date-September, 1978

I 90-1(77)22, Unit-1, Drexel-East & West
Length-445 Ft. & 638 Ft. Composite Steel
& Girder Bridges over St. Regis River
Contract let July 2, 1975
Work Started August 19, 1975
Amount of Contract-$2,282,935.00
One Engineer is working on other projects.

Hensel Phelps Construction Company
Vancouver Washington, Contractor
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Project Completed July 8, 1977
Contract Time-140 Working days

I 90-1(77)22, U-4, Drexel-East & West
Construction Dual 122.5 Ft. Concrete
Girder Overpass (Drexel Interchange)
Contract let June 27, 1977

C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479

Amount of Contract-$403,433.16
Work Started July 18, 1977
Contract Time-150 Working days
Probable Completion Date-July 15, 1978
There has been no work on this project during the past month. All items remain the same. The contract is 72% complete with 55% of the contract time elapsed.

I 90-1(77)22, Unit-5, Drexel East & West
Two Concrete Girder Bridges
Contract Awarded February 28, 1977
Amount of Contract-$1,102,551.98
Work Started April 29, 1977
Work Proceed Date-April-18, 1977
McIntyre Construction Co. & S. Birch Inc.
Great Falls, Montana, Contractor
William Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract time-200 Working days
Probable Completion date-August 30, 1978
The Contractor has placed PSB Type 4 on spans #1 and #2 at Station 252 and has placed concrete for footings and wall at Bent-#5 Station 252. The Construction layout is 90% complete with 4 engineers engaged. The Contract as a whole is 67% complete with 73% of the Contract time elapsed.

I 90-1(77)22, Unit-6, Drexel-East & West
Length-1.207 Miles
Construction of End Bents & Composite Steel and Concrete Girder Bridges
Contract let May 26, 1977
Amount of Contract-$1,242,649.35
McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Larry Chezik, Field Project Manager
St. Regis, Montana, Phone 649-2479
Probable Competion date-November, 1978
Progress has been fair. The Contractor worked 20-8 hour shifts employing 5 to 16 men. Work consisted of erecting structural steel on the Bridge at Station 183+57. Forming and tying reinforcing steel and placing concrete for the footings and Cap at Bent #4 on the Bridge at Station 169+72. The Project as a whole is 26% complete with 33% of the contract time elapsed. One State employee is assigned to the Project.

I-IC 90-1(61)27, U-1, St. Regis-East & West
Length-151.5 Ft. Prestressed Girder Bridge
376.03 Composite Steel and Concrete Girder Bridge over St. Regis River
Contract let-March 31, 1977
Amount of Contract-$1,007,222.56
C.O.P. Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract time-250 Working days
Probable Completion date-November 15, 1978
There has been no work on this project during the past month. All items remain the same. The Contract is 64% complete with 54% of the Contract time elapsed.

I 90-1(59)35, U-1, St. Regis-East
Length-3.6 Miles, GR-AGG. Surf-PMB
Sign & Flasher Installation
Amount of Contract-$2,836,425.90
Work Proceed date-April 18, 1977
Washington Construction Company
Missoula, Montana, Contractor
James Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion date-July 1,1978
The Project shut down. The Contract as a whole is 80% complete with 56% of the contract time elapsed. The Construction layout is 92% complete with 2 engineers engaged.

I 90-1(87)45, Superior-West
Length-544.5 Ft. Composite Steel & Concrete Girder Bridge over Clark Fork River
Contract let June 26, 1975
Amount of Contract-$1,084,707.40
Work started August 25, 1975
Hensel Phelps Construction Company
Vancouver, Washington, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract time-250 Working days
Project Completed-August 19, 1977
Final estimate is awaiting checking in the Division Office.

I 90-1(70)76, Alberton-East
I 90-2(51)78, U-1, Huson-West
Length-6.0 Miles
Grading, Agg. Surf. P.M. Surf. Fencing
Amount of Contract-$2,796,608.96
Hilde Construction Company
Great Falls, Montana, Contractor
Jerry Tahija, Field Project Manager
Alberton, Montana
Contract time-180 working days
Sletten Construction Company, Subcontractor ,began work removing structure on February 21, 1978.

F 93-1(1)0, U-1, Lolo Pass-Lolo
Length-16.1 Miles
Overlay & Striping
Contract let July, 29, 1977
Amount of Contract-$689,279.03
Work began September 12, 1977
Zook Brotheres Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time-60 working days
Probable Completion date-July 1, 1978
Work remains suspended on this project. The survey crew is working on other projects.

F 93-1(1)0, U-2, Lolo Pass-Lolo
Length-16.5 Miles
Plant Mix Overlay & Striping.
Project letting February 23, 1978. No award information available.
Allan Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491

RS-DP 224(14), U-2, Reserve Street
Length-148 Ft. Concrete Girder Overpass
Over C.M.S.T.P. & P. Railroad, Approaches &
Fencing. Contract Awarded-May 2, 1977
Amount of Contract-$360,910.77
Work Proceed Date-May 23, 1977
Probable Completion date-June 15, 1978
General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time-105 Working days
The Project is shut down for the winter. The contract as a whole is 70% complete with 68% of the Contract time elapsed. The Construction layout is 85% complete with four engineers engaged.

RS-DP 224(14), U-3, Reserve Street
Length-33.14 Ft. Prestressed Concrete Girder
Bridge. Contract let-October 27, 1977
Amount of Contract-$635,990.40
Work Started November 22, 1977
Sletten Construction Company
Great Falls, Montana, Contractor
Jack Silvey, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion Date-July 28, 1978
Progress has been good, Bent #1 remains the same. All the concrete has been placed at Piers 2 & 3. The footing and concrete seal has been placed at Pier #4 and they will place the concrete in the shaft on March 6, 1978. 70% of the roadbed around Bent #1 has been completed and some riprap has been placed. The Construction layout is 40% complete with 2 engineers engaged. The contract as a whole is 31% complete.

RS-DP 224(14), U-4, Reserve Street
Length-1.3 Miles
Grade, Agg. Surf., CTB, Concrete Paving &
Traffic Control
Project let February 23, 1978. No award information is available.
Charles Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491

RS 343(12), Avon-Helmville
Length-5.1 Miles, C-AGG. SURF.-PMB Widen
And Guard Rail Revision
Contract let May 27, 1976
Amount of Contract-$1,168,747.12
Washington Construction Company
Missoula, Montana, Phone 549-6491
Jerry Tahija, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time-150 Working days
Final estimate is being checked in the Division Office.

M-RS 000S(53), Missoula County-Urban
Length-37.9 Miles, Signing & Delineation
Contract let-October 29, 1976
Amount of Contract-$58,986.70
Contract time-90 Working days
Final estimate to be submitted to the Division office about March 24, 1978.

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Project Completed June 19, 1977

PMS 4140(52), U-11, Lake, Sanders &
Missoula Counties
Pavement markings at various Intersections
Contract let February 23, 1978. No award information available.

Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491

M 8105(3), Missoula, Channelization & Signal
Revision, W. Broadway and Russell Intersection
Contract let November 19, 1976
Amount of Contract-$125,400.50
Work Started February 23, 1977
The Contractor has worked seven days the past month. His work consisted of installing conduit, pull boxes, sign post, and pouring controller base. He shut down on February 24, 1978 due to cold weather. The Construction layout is 80% complete. The Contract as a whole is 28% complete.

Fred Strandberg Construction Company, Inc.
Helena, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion date-June 29, 1978

8105(4), U-1, Missoula
Revision of Traffic Control Devices
Contract let-October 27, 1977
Amount of Contract-$5,970.00
Preconstruction Conference scheduled for March 6, 1978.

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491

M 8107(4), North Orange Street, Missoula
Length-0.8 Miles, Lighting & Overhead
Monitor. Contract let-August 25, 1976
Amount of Contract-$85,663.22
The Contractor has not worked the past month. He is waiting on materials to complete the Project. The Contract as a whole is 93% complete with 69% of the Contract time elapsed.

Midland Electric Company
Billings, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491

M 8113(1), South Higgins Avenue
Changeable Message Signs
Project let February 23, 1978. No award information available.

Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491

M 8199(2), U-2 & M-U 8199(4), Missoula
School crossing, Signing & Signalization
Contract let June 10, 1976
Amount of Contract-$106,132.00
Work Started July 20, 1976
Work Proceed date-July 6, 1977
Final estimate awaiting checking in the Division Office.

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time-60 Working days
Project Completed-June 2, 1977

M 8199(6), U-1, CBD Signal Update — Julian Hughes, Field Project Manager
Replacing Signal Controllers — Missoula, Montana, Phone 549-6491
Project let February 23, 1978. No award information is available.

SMP AR 1120-8853-1200, VanBuren Interchange Str. — Jack Silvey, Field Project Manager
Repair of Span #2 of Structure — Missoula, Montana, Phone 549-6491
Project let February 23, 1978. No award information available.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

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DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

MARCH 3, 1978

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending March 3, 1978.

## G E N E R A L

Progress has been fair. Weather has been mostly cloudy and cold with considerable snow early in the period, then warm and dry the last of the month. Day time temperatures ranged from +15° to +49° with night time temperatures from -6° to +25°. Highways are in average winter driving condition with above average snowfall.

## P R E - C O N S T R U C T I O N

HHS-1-1(02) Libby-Kalispell
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Authorization was received to make a location survey and design the section of roadway between the two alignments of Lion Springs and Elk Hill. A survey crew has been assigned to the project, and will begin work upon completion of the F 1-2(6)81 project (shoulder erosion - U.S. #2). Forty-eight man days have been used to date on design, which is approximately 7% complete.

F-38-1(03) Columbia Falls East & West
S-486-1(1) Nucleus Avenue
Length - 5.4 Miles
Design Started - Jan. 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - May 1, 1978

F-38-1(03)

Some work was done the past period on making location revisions to several road approaches. Design of the project will be completed after the storm drain design is received from the Hydraulics Unit. The Hydraulics Unit is awaiting a decision from the City of Columbia Falls on what their future plans are concerning the city storm drain system. 336 man days have been used to date on design, which is approximately 70% complete.

S-486-1(1)

Design will be completed after the storm drain plans are received from the Hydraulics Unit. 85 man days have been used to date on design, which is approximately 70% complete.

F-1-2(3) & LSF-1-257(5)
Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for June, 1978 Letting

Field Project Mgr. - Unassigned
Kalispell, Montana 59901
Phone: 755-5717

A five member survey crew was assigned February 21 and is presently cross-sectioning State optioned surfacing material sources for execution of reclamation plans. Centerline referencing and R/W remains at approximately 40% complete.

Utilities

Montana Power - No work the past period.

Mountain States Telephone - No work the past period.

Burlington Northern R.R. Tel. - No work performed to date.

Flathead Electric Co-op - No work the past period. The relocation remains at 83% complete.

Northwest Telephone Systems Inc. - 100% complete.

F-1-2(5)115 Batavia School
Survey for Geometric Redesign & Traffic Control Devices
Length - .3 Miles
Survey Authorized - February 3, 1978
Work Not Started

Personnel Unassigned

Work not started due to all personnel assigned to other projects.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

Two men worked 23 man days the past period on grade design, eathwork computations, and city property ties. A preliminary earthwork run has been received, grade revisions made, and code sheets submitted for another earthwork run. A public hearing will be scheduled in the near future to determine the final alignment in the vicinity of Eureka. 138 man days have been used to date on design, which is approximately 18% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Work will resume after design personnel have completed other assigned projects. The County Commissioners have indicated that they are going to review Secondary priorities for Flathead County, which may alter the status of this project. 82 man days have been used to date on design, which is approximately 12% complete.

F-5-2(03) Flathead County Line-South
Length - 7.5 Miles
Survey Authorized - July 5, 1977
Work Started - Sept. 19, 1977

Field Project Mgr. - Unassigned
Kim's Trailer Court, West Shore
Phone: 844-3250
Est. Comp. Date - May 1, 1978

Progress has been fair. Five to ten employees assigned to survey crews on the project. All P.I.'s and control points are 100% complete. Centerline and bench elevations are 100% complete. Cross-sections have been taken from Stations 1231+90.8 to 1527+00 and 1570+00 to 1610+00, making this item 82% complete. No other work has been performed on this project to date. An additional 130 man days have been used, making a total of 826 man days used with the survey approximately 45% complete.

FH-1-2(1) Troy-Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Est. Comp. Date - Pending

Progress has been fair. A six man crew has now completed cross sections from Station 527+00 to 755, making this item approximately 25% complete. One man working in the office on notes and hard shell. A total of 608 man days have been used, making the location survey approximately 17% complete.

F-1-2(6)81 Inters. U.S. 2 & FAS-556
Shoulder Erosion Line Change Survey
Length - 1.8 Miles
Survey Authorized - Jan. 12, 1978
Work Started - Jan. 16, 1978

Field Project Mgr. - Unassigned
Boisverts Camp-Lake McGregor
Est. Comp. Date - March 24, 1978

A five to six man survey crew has centerline and levels complete. Cross sections are approximately 65% complete. 160 man days have been used with the survey 60% complete.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975

Personnel Unassigned

Work not started due to all personnel assigned to other projects.

## C O N S T R U C T I O N

F000 B(1) U1 Erosion Control
Kalispell Division
Contract Let - February 23, 1978

Contract Award Not Received To Date
Personnel Unassigned

No construction layout performed to date.

HHS-1-2(2)121 Kalispell East-Street Lighting & Signal
Length - 1.5 Miles
Contract Let - May 26, 1977
Contract Awarded - May 31, 1977
Contract Amount - $179,990.10
Proceed Order - June 21, 1977
Work Started - August 22, 1977

Harp Line Const. Co.
Kalispell, Montana 59901
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 120 Working Days
Prob. Comp. Date - April 1, 1978

There has been no work on the project the past period. The project remains at approximately 49% complete with 27% of the contract time elapsed.

ERFO-72(2) Essex-Summit Bear Creek-Flood Repair
Length - N/A
Contract Let - October 29, 1976
Contract Awarded - October 29, 1976
Contract Amount - $1,711,336.10
Proceed Order - April 18, 1977
Work Started - November 22, 1976

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe,(Retired) Field Proj. Mgr.
Phone: 755-5717
Contract Time - 120 Working Days
Project Completed - Nov. 10, 1977

One to two men are making division check of final as time permits for an approximate submittal date to Helena of April 20, 1978.

ERFO 72(2) U2; 3 Miles E. of W. Glacier Flood Damage Repair
Length - 0 Miles
Contract Let - February 23, 1978

Contract Award Not Received To Date
Field Project Mgr. - Unassigned
Kalispell, Montana 59901
Phone: 755-5717

No construction layout performed to date.

F-83-2(1)65
Swan Lake North & South Overlay
Length - 12.6 Miles
Contract Let - February 23, 1978

Contract Award Not Received To Date
Field Project Mgr. - Unassigned
Kalispell, Montana 59901
Phone: 755-5717

Construction layout will proceed as soon as weather permits.

RF-BRF-100(15) Flathead River Bridge
Columbia Falls
Pre-Stressed Concrete Girder Bridge &
Grade, Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1976(Con.by FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Company
Billings, Montana 59101
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 300 Working Days
Project Completed - Nov. 2, 1977

Division checking will be delayed pending completion of older finals. Present target date for submittal to Helena is May, 19.

F330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing Lighting & One Pre-Stressed
Concrete Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1975
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
Gerald Roat, Field Project Mgr.
Polson, Montana 59860
Phone: 883-4896
Contract Time - 200 Working Days
Project Completed - Dec. 6, 1976

Final was submitted to Helena on February 16. This will be the final report.

RS-410(8) Wampoo-4th of July Creek-Yaak Road
Grade, Gravel, Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Brothers Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time - 140 Working Days
Project Completed - Aug. 24, 1977

The final is complete in the Division office and is awaiting transportation to Helena.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.8 Miles
Contract Let - Dec. 18, 1975
Contract Awarded - Dec. 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, (Retired) Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 180 Working Days
Project Completed - Aug. 16, 1977

The final is being checked in the Division office and will be forwarded to Helena about March 31, 1978.

S-508-1(4)11
NW Troy-Yaak River-Rexford
Length - 1.1 Miles
Grade, Gravel, Surface, Road Mix Bit. Surf.
Contract Let - February 23, 1978

Contract Award Not Received To Date
Jack Adamson, Field Proj. Mgr.
Troy Montana 59935
Phone: 295-4741

No construction layout performed to date.

M6730(1) & RS-404(8) Kalispell-South Loop
Grade, Agg. Surf. Pl. Mix, base, Pl. Mix
Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - Sept. 30, 1976
Contract Awarded - Oct. 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - Oct. 28, 1976
Work Started - Nov. 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 130 Working Days
Prob. Comp. Date - July 1, 1978

One to three persons spent 11 man days this past month checking notes, compiling final data and miscellaneous work. No work by the contractor this period. Seal, cover and permanent striping will be done later this year as weather permits. The project remains 97% complete with 92% of the contract time elapsed.

M6714(3) Center St. & 1st Ave. E. Kal.
Length - 0.9 Miles
Contract Let - August 11, 1977
Contract Awarded - August 24, 1977
Contract Amount - $939,975.18
Proceed Order - Sept. 13, 1977
Work Not Started

Pack & Company, Inc.
Kalispell, Montana 59901
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 120 Working Days
Prob. Comp. Date - Pending

A pre-construction conference was held September 28, 1977. Utility work by P.P. & L. continues intermittently. Northwestern Telephone began their portion on October 26, 1977, and completed work November 30, 1977. Montana Power is not presently working, but tentatively plan to begin gas line relocation yet this winter. No construction layout performed this period and remains approximately 5% complete.

RECEIVED
MAR 6 1978
CONSTRUCTION BUREAU

Department of Highways

Butte, Montana

March 2, 1978

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending February 28, 1978. The weather has been cool with some snow showers and temperatures ranging from -17° to +47°.

## PRECONSTRUCTION

RF 8-1(4)34
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Mt.
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ man days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

F 8-2(3)
Intersection of 11th Ave. and
Fee St. - Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 8-4(1)77 Unit II
Townsend-Toston
Safety Improvement
10.2 Miles
Broadwater County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
July 28, 1978

F 8-4(1)77 Unit II Cont'd.
There was no work done on the project during this period. Design has been temporarily suspended to complete work on other projects. It is estimated that work will resume in May 1978. Design work remains 55% complete.

I 15-3(13)157
Basin - Boulder
5.49 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Helena, Montana

Preliminary signing plans are complete and will be submitted for Plan-In-Hand this week. Revisions from Final P.I.H. being made to design plans. Revisions to Reinforced Earth structure @1280 are being discussed with M.D.H. Bridge Department. Project as a whole is 91% complete.

F 19-1(3)7
Park Avenue-Anaconda
Location Survey
1.1 Miles
Deer Lodge County

Thomas, Dean & Hoskins Inc.
Helena, Montana
Probable Completion Date:
April 14, 1978

Final Plan-In-Hand was held in Anaconda on February 2, 1978. The project scope of work has been amended to include street lighting. The city is reviewing the problems related to vaults encroaching in the right-of-way.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

HHS 55-2(3)81
Intersection FAP 29 & 55
South of Whitehall
Location Survey
0.831 Miles
Madison County

Robert T. Wilson, Manager
Field Project
Butte, Mt.Tel. 792-9937
Completion Date:
February 21, 1978

Completed location data was sent to Helena on March 1, 1978.

SMP-1599-77(State Project)
Crush & Stockpile - Flathead, Lake & Sanders Counties
Contract Let - December 15, 1977
Contract Awarded - December 15, 1977
Contract Amount - $158,345.00
Proceed Order - January 5, 1978
Work Started - January 25, 2978

Clark Brothers Contractors
Victor, Montana 59875
John Kalien, Lab. Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 85 Working Days
Prob. Comp. Date - April 15, 1978

Progress the past period has been poor, due to winter weather and pit being very wet, making screening difficult particularly true in the production of 3/8" cover aggregate at Pit No. 2410-43. Contractor rejecting all material minus 1½"screen. Has completed 1/2" CTS Gr. 4, and completed crushing 3/8" Cover Agg. Grade 4, March 1. Contractor started working 2 - 8 hour shifts on February 23 and has 10 men employed. Presently moving to Pit No. 4530-26. Two state employees testing and recording belt scale readings. Contract is 26% complete with 24% time elapsed.

OS 24(1) Lake County
4 Off System Bridges
Contract Let - Sept. 29, 1977
Contract Awarded - Oct. 28, 1977
Work Started - Oct. 31, 1977

Redding Const. Co.
Spokane, Washington
Gerald Roat, Field Proj. Mgr.
Polson, Montana 59860
Phone: 833-4896
Contract Time - N/A
Prob. Comp. Date - April 15, 1978

Site No. 1 Work this month consisted of pouring abutment wall No. 1. Work was suspended at this site for the time being until work on the other three sites catch up.
Site No. 2 Work this month consisted of demolition of the existing structure, excavation for footings on abutment #2, and pouring footings and abutment wall on same.
Site No. 3 Work this past month consisted of demolition of existing structure, excavation and pouring the footing for abutment #2.
Site No. 4 Work here consisted of demolition of existing structure, excavation and pouring footings for both abutments #1 & 2.
Plans are to keep pouring concrete 2 to 3 times per week for the next 3 weeks. The contractor employs 6 - 8 men working 2 crews most of the time, working 5 - 8 hour shifts per week. The contract as a whole is 36% complete, with from 1 to 3 State employees on inspection and layout duties.

Howard A. Stockwell
FOR Thomas J. Barnard, P.E. Supv. Div. Const. Sec.

TJB:HAS:mjb

I 90-5(38)228
Homestake Pass - East
Location Survey
1.632 Miles
Jefferson County

Robert T. Wilson, Manager
Field Project
Butte, Montana
Probable Completion Date:
March 31, 1978

Work the past period consisted of running centerline and levels. A 9 man crew expended 70 man days for a total of 70 man days used to date. Line run is 37% complete. Levels run are 95% complete. Project as a whole is 24% complete.

DP 280-1(1)
York Bridge & Approaches
Location Survey
0.9 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Work on this survey will commence when a crew becomes available.

RS 284-2(1)11
Canyon Ferry Dam S.E.
Location Survey
Broadwater and Lewis & Clark Counties
6.0 Miles

Engineer: Unassigned
Probable Completion Date:
Undetermined

Location work will begin when a crew becomes available.

M 0299(4)
Anaconda Urban Streets
Location Survey
1.0 Mile
Deer Lodge County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Work on this project will commence when a crew becomes available.

RS 393-1(2)
Basin Creek Road
Design
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
August 11, 1978

There was no work on the project during the period. Design work has been temporarily suspended to complete work on other projects. Design work on the project is 26% complete. It is esitmated that work will resume by April 1, 1978.

RS 441-1(1)0
Gregson Road
Design
Silver Bow County
2.969 Miles

Raymond M. Grant
Designer II
Butte, Montana
April 17, 1978

## PRECONSTRUCTION

RS 441-1(1)0 Cont'd.

Design work on the project consisted of balancing earthwork quantities, locating approaches and computing approach quantities, templating cross sections, drawing summaries and computing quantities and tracing typical section and detail linens. A three man crew expended 53 man days for a total of 216 man days used to date. Preparing plan sheets, reducing notes and plotting and inking cross sections are 88% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project is 83% complete. Design of drainage and irrigation structures, road approaches and incidentals is 80% complete. Completing summary and title sheet is 80% complete. Design work on the project as a whole is 52% complete.

M 1810(1)
Grand Avenue - Butte
Design
1.37 Miles
Silver Bow County

S&A Engineers
Helena, Montana
Probable Completion Date:
October 6, 1978

S&A Engineers will complete the Design of this project which is roughly 15% complete after being received from the Butte Division Design Department.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

T 9058(4)
Signals at Prospect Ave.
& 11th Ave. with Montana Ave.
Location Survey
0.645 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Completion Date:
February 9, 1978

Completed location data was sent to Helena on February 14, 1978.

## CONSTRUCTION

FF 8-1(1)0
Garrison East
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Pl. Mix Bit.
Surf., Lighting and Signirg
3.9 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,683,507.23
Work Started: Nov. 14, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Joseph Bettle, Manager
Field Project
Garrison, Mt. Tel. 846-3133
Contract Time: 130 Working Days
Probable Completion Date:
November 30, 1978

FF 8-1(1)0 Cont'd.
Work the past period consisted of crushing gravel, installing culverts and conducting grading operations. The contractor employed 33 men for 18-8 hour shifts. Project as a whole is 24% complete with 1% of the contract time elapsed. Construction layout as a whole is 93% complete with 3 Engineers and 1 Inspector engaged.

F FF 8-2(5)46 Unit 1
East Helena East & West
The construction of a dual 276.0 ft. prestressed concrete girder overpass (Over B.N. Inc.)
0.052 Miles
Lewis & Clark County
Contract Let: May 26, 1977
Bid Price: $648,804.88
Work Started: JUly 6, 1977

Sletten Const. Co.
Albert Reather, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 175 Working Days
Probable Completion Date:
August 1, 1978

No work the past period. Project as a whole is 60% complete with 58% of the contract time elapsed. Construction layout as a whole is 65% complete with 2 Engineers engaged.

F FF 8-2(5)46 Unit 2
East Helena East & West
Grading, Agg. Surf., Cem. Treated Base, Lighting and a dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $4,596,878.30
Work Started: Sept. 28, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Eugene Campbell, Manager
Field Project, (Road)
East Helena, Mt. Tel. 227-6924
Albert Reather, Manager
Field Project (Bridge)
East Helena, Mt. Tel. 227-5392
Contract Time: 200 Working Days
Probable Completion Date:
May 15, 1979

Road
Work the past period consisted of working on 20" waterline. The contractor employed 12 men for 15-8 hour shifts. Project as a whole is 23% complete with 16% of the contract time elapsed. Construction layout as a whole is 57% complete with 5 Engineers and 2 Inspectors engaged.
Bridge
Work the past period consisted of forming on the E.B. deck and placing reinforcing steel for the W.B. slab. The contractor employed 9 men for 19-8 hour shifts. Structures is 74% complete. Construction layout as a whole is 76% complete with 2 Engineers engaged.

F 8-2(10)42
Traffic Control Devices, Intersection
Henderson St. & Euclid Ave.-Helena
0.00 Miles
Lewis & Clark County
Contract Let: October 27, 1977
Bid Price: $32,673.00
Work Not Started

S&S Construction
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
June 2, 1978

Preconstruction Conference has not been held.

F 8-4(1)77 Unit 1
Plant Mix Overlay, Townsend-Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Not Started

Meyer Const. Co.
Billings, Mt.
Engineer: Unassigned
Contract Time: 90 Working Days
Proabable Compltion Date:
September 15, 1978

Preconstruction Conference has not been held. Work will not commence on this project until spring.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797
Probable Completion Date:
June 30, 1978
Contract Time: 250 Working Days

Project on winter shut-down. Project is open to two lane traffic. Project as a whole is 84% complete with 77% of the contract time elapsed. Construction layout as a whole is 97% complete.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 25, 1975
Work Started: June 23. 1975
Bid Price: $1,577,086.10

Western Sign Corp.,Lewis Constr. Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 200 Working Days
Completion Date:
November 15, 1976

Checking of Final Data by Division Office personnel is progressing.. It is estimated that Final Data will be sent to Helena on April 28, 1978.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0
foot prestressed concrete girder
overpass (Woodville INterchange), a dual 123.0'
Concrete girder overpass (Sawmill
Gulch Separation) and a dual 128.0
foot prestressed concrete girder overpass
(Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: Oct. 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Const. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 30 Working Days
Completion Date:
November 6, 1976

I 15-3(25)134 Unit 2 Cont'd.
Division Office personnel are checking Final Data as time permit. It is estimated that Final Data will be sent to Helena March 17, 1978.

I 15-3(26)140 Unit 1
Elk Park South
Grading, Aggregate Surfacing
Plant Mix Bituminous Base,
Fencing and Signing
Jefferson County
2.4 Miles
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

IncIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 150 Working Days
Probable Completion Date:
June 30, 1978

Project on winter shut down. Project is open to two-way traffic. Project as a whole is 92% complete with 75% of the contract time elapsed.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Mt.
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
July 31, 1978

All items are complete with the exception of the seal and cover which will be accomplished when weather permits.

F 29-1(2)42
Intersection of Main St. & 7th Ave.
& Main St. & 4th Ave. in
Twin Bridges
Traffic Control Devices
0.00 Miles
Madison County
Contract Let: April 28, 1977
Work Started: August 4, 1977
Bid Price: $14,539.00

Western Sign Corporation
Great Falls, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 45 Working Days
Probable Completion Date:
April 21, 1978

No work the past period. Work remaining consists of four steel poles and lights, which will be installed when they arrive on project. Project as a whole is 41% complete with 24% of the contract time elapsed. Construction layout as a whole is 100% complete.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County

Clark Brothers Contractors
Victor, Montana
Gordon Eckman, E.T. 3
Garrison, Mt. Tel. 846-3355
Contract Time: 175 Working Days

RS 34(7) Cont'd.
Bid Price: $1,609,681.60
Contract Let: June 19, 1976
Work Started: July 26, 1976

Probable Completion Date:
May 12, 1978

All items are complete with the exception of the signs and seal & cover which will be accomplished next spring. The six man engineering crew is helping on project I IG 90-3(27)172 U2.

HHS 089-1(001)
Various Intersections U.S. #91
in Dillon
Signing & Flashers
0.00 Miles
Beaverhead County
Contract Let: November 18, 1976
Bid Price: $14,714.84
Work Started: July 20, 1977

S&S Construction
Helena, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 30 Working Days
Completion Date:
October 7, 1977

Final Inspection and Acceptance December 6, 1977. It is estimated that Final Data wil be submitted to Helena on May 19, 1978.

I IG 90-8(27)172 Unit 1
Garrison East & West (West Section)
The construction of a 590.83' Avg. length dual composite steel and concrete girder bridge (over Burlington Northern Inc.
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,895,384.05
Work Started: July 27, 1977

General Const. Co.
Butte, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 280 Working Days
Probable Completion Date:
Nov. 15, 1978

Structures @ Sta. 153+05.70: Forming, placing & tying reinforcing steel & placed concrete in Abut. No. 6 main footing E.B. & Abut. No. 1 crossbeam E.B. & Abut. No. 6 crossbeam W.B. Stripping forms Abut. No. 1 backwall W.B. & Abut. No. 6 main footing W.B. Forming Abut. No. 1 backwall E.B. drilling anchor bolt holes & leveling beam seat areas on Bents No. 2 thru No. 5 E.B. Unloading structural beams from railroad cars at job site. Bush hammering face of the Abut. No. 1 backwall W.B.
Structure Approaches: No Work.
Percentages complete for the items are as follows: Strucutres: Structure Excavation 96%, Reinforcing Steel 30%, Class AD Concrete 89%, all pilling 100%, Traffic Control 10%, Cost of Training Program 74%, Mobilization 60%. Approaches: Top soil Salvage & Stockpile 70%, Excavation - Approaches: Top soil Unclassified Borrow 97%, Haul Borrow 97%, Compaction Roadbed 97%, Mobilization 60%. The contractor worked ten (10) eight (8) hour shifts. Employing an average of 8 men. The project as a whole is 33% complete with 35.4% of the contract time elapsed.

I IG 90-3(27)U2 & F 88-1(1)1
Garrison East & West (West Section)
and Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing & Lighting on 4.2 Miles
of Project I IG 90-3(27)172 U2
and Widening, Pl. Mix. Bit. Surf.,
Signing and Lighting on 0.7 Miles
of Proj. F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15, 1977
Washington Const. Co.
Missoula, Mt.
Bill Bork, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 260 Working Days
Probable Completion Date:
October 12, 1979

Work the past period consisted of conducting grading operations. The contractor employed 53 men for 37-8 hour shifts. Project as a whole is 19% complete with 7% of the contract time elapsed. Construction layout as a whole is 65% complete with 9 Engineers and 3 Inspectors engaged.

I IG 90-3(27)172 Unit 3
Structure on Garrison East
& West (West Section)
Construction of a dual 692.5' Avg.
prestressed concrete girder bridge
(Over B.N.R.R.) a dual
131.5' prestressed concrete girder
bridge (Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,922,459.45
Work Started: Jan. 11, 1978

General Construction Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 250 Working Days
Probable Completion Date:
Sept. 7, 1979

Progress during the past period was fair. Work consisted of: Sta. 94+59.70 (E.B.) driving all service pile Bt. No. 2 & tieing up footing reinf. steel for Bt. No. 2 & No. 3. (W.B.) driving Bt. No. 2 ct'r footing, service pile & tieing up footing reinf. steel for Bt. No. 2 & No. 3 Rd. cont'r. is hauling material in the areas. Sta. 137+69.25 (E.&W.B.) making up sheet pile lengths for Pier No. 2 shoring & cribs. Percent complete for the items are as follows: Struct. Excav. Type 1, 33%; Shoring & Cribs, 6%; Test Pile-Steel, 70%; Furn. & Drive Steel Brg. Pile Ea. 15%. The structure as a whole are 3% complete with 0 of the 250 working days used or 0% of the contract time elapsed. During the past period the cont'r. (General Const. Co.) worked 10-8 hour shifts with 6 men employed. Construction layout is 15% complete with a 3 man engineering crew assigned.

I 90-3(34)193 Unit 1
I IG 90-4(26)U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 23, 1976
Work Started: June 10, 1976
Bid Price: $7,050,419.49

Washington Constr. Co.
Missoula, Mt.
John T. McGeever, Manager
Field Project (Road)
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Mt. Tel. 693-2242
Probable Completion Date:
June 15, 1978

I 90-3(34)193 Unit 1
I IG 90-4(26)U1 & RS 304(12) Unit 1 Cont'd.

Road

Project is on winter shutdown. Project as a whole is 99% complete with 68% of the contract time elapsed.

Bridges

All work on the structures was completed on Sept. 29, 1977 and an inspection of these structures was made on Oct. 11, 1977.

I IG 90-3(39)176

Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Matt J. Vranish, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
May 15, 1978

Road

No work the past period. Project as a whole is 82% complete with 98% of the contract time elapsed. Construction layout as a whole is 98% complete with 8 Engineers engaged.

Bridges

The contractor has not worked on the structures of this project during the past period. Percentages complete for the structural items are as follows: Structure Excavation 94%; Reinforcing Steel 100%; Class AD Concrete 100%; Traffic Control 51%; Mobilization 100%; Structural Steel 97%; All Piling 100%; Protective Coat 15%; Steel Bridge Rail 93%; Drainage System 100%. The structural section of the project is 97.2% complete.

I 90-3(40)193 &
I IG 90-4(27)194

Surfacing of Racetrack North & South
and Warm Springs North & South
Aggregate Surfacing, Plant Mix
Surfacing and Signing
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: August 11, 1977
Bid Price: $2,582,114.30
Work Not Started

Hilde Const. Co. Inc.
Great Falls, Montana
John T. McGeever, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 180 Working Days
Probable Completion Date:
October 13, 1978

Preconstruction Conference was held October 3, 1977. Work on this project is not expected to commence until next spring.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project I IG 90-4(26)194 U2 and the construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: Nov. 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Twin Bridges, Mt. Tel. 684-5714
Contract Time: 200 Working Days
Completion Date:
October 14, 1977

Final Data is in Division Office but checking has not started. It is estimated that Final Data will be submitted to Helena on June 23, 1978.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 200 Working Days
Completion Date:
Jan. 14, 1977

Final Data was returned to Field Office for further clarification on Nov. 23, 1977. It is estimated that Final Data will be sent to Helena on May 19, 1978.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal Cover,
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Mt.
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

No work the past period. Project as a whole is 54% complete with 58% of the contract time elapsed. Construction layout as a whole is 85% complete with 3 Engineers engaged.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base
Pl. Mix Bit. Surf., and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $996,307.40
Work Started: July 7, 1977

Zook Bros. Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 120 Working Days
Probable Completion Date:
May 15, 1978

M 0299(3) Cont'd.
Project is on winter shut down. Project as a whole is 86% complete with 88% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Engineers engaged.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of a prestressed concrete girder bridge and Grading, Agg. Surf., and Road Mix. Surf. of the approaches
0.00 Miles
Madison County
Contract Let: Sept. 29, 1977
Bid Price: $557,136.64
Work STarted: Nov. 4, 1977

McIntyre Const. Co. and
S. Birch Inc.
Great Falls, Montana
Harold Wiebe, Manager
Field Project
Twin Bridges, Mt. Tel. 684-5714
Contract Time: 140 Working Days
Probable Completion Date:
July 1, 1978

Progress the past period was good. Structure at Big Hole River Sta. 13+55.00: Excavated footing at Pier No. 2 Placed Shoring & Crib, excavated footing at Abutment No. 3. Drove test pile at Abutment No. 1 & 3 and Pier No. 2. Percentages complete for items are as follows: Structure Excavation 60%; Shoring & Crib 85%; Work Bridge 75%; Mobilization 25%; 12 Inch Treated Timber Test Pile 100%; 14 Inch Treated Timber Test Pile 100%. The contractor worked eight (8) hour shifts employing an average of six (6) men. The Project as a whole is 13% complete with 11% of the Contract Time Elapsed.

FF 401(3)
Intersection of Montana Ave.
and Billings Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Started: October 7, 1976

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 45 Working Days
Completion Date:
August 2, 1977

Final Data was sent to Helena on February 3, 1978.

M 1803(4)
Harrison Ave.-Butte
Pl. Mix Bit. Overlay, Curbs,
Traffic Signals, Signing, Sidewalks
and Beautification
0.3 Miles
Silver Bow County
Contract Let: May 26, 1977
Bid Price: $320,447.19
Work Started: July 19, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 90 Working Days
Probable Completion Date:
May 30, 1978

Some minor work remains to be accomplished next spring. Project as a whole is 98% complete with 85% of the contract time elapsed. Construction layout as a whole is 99% complete.

M 1804(2)
West Park St.-Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
0.5 Miles
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Garrison, Mt. Tel. 846-3355
Contract Time: 130 Working Days
Probable Completion Date:
March 1, 1977

Work the past period consisted of installing luminaire. The contractor employed 2 men for 2-8 hour shifts. Project as a whole is 99% complete with 94% of the contract time elapsed. Construction layout as a whole is 100% complete with 1 Engineer and 1 Inspector engaged.

M 5816(3)
Broadway - Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewalks and related items
0.9 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $477,717.13
Work Started: Sept. 12, 1977

Dugdale Const. Co. Inc.
Butte, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 110 Working Days
Probable Completion Date:
August 1, 1978

Project is on winter shutdown. PRoject as a whole is 39% complete with 33% of the contract time elapsed. Construction layout as a whole is 63% complete.

Richard B. Dundas, P.E. Supervisor
Division Construction Section - Butte

RBD/GBH/MJJ/cu

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MAR 6 1978
CONSTRUCTION BUREAU

P. O. Box 1110
Bozeman, Montana 59715

March 3, 1978

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the one month period ending March 3, 1978.

## P R E C O N S T R U C T I O N

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 13-1(3)24
8 Mi. South of Cameron - South
Length - 10 Miles

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: 6-15-78

A 4-5 man engineering crew worked this past month cross-sectioning from Station 180 to Station 208 and running centerline profile from Station 208 to Station 377. Cross-sectioning is now 63% complete. The location survey as a whole is 60% complete.

F 29-1(5)16
Virginia City Hill
Length - 0.9 Mile

Engineer Unassigned

All information requested from the field has been transmitted to Helena. The project is currently scheduled to be let in March, 1978.

FH 42-3(2)
Slide Near Karst-Gallatin Canyon

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

HHS 50-2(3)81
Int. of FAP 50, 84 & 85

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All data from this location survey was transmitted to Helena on December 14, 1977.

F 50-2(4)79
Bozeman - West
Approximate Length - 9 Miles

Ross M. Johnson, FPM
Phone: 587-4186 Bozeman
Estimated Completion: June 1, 1978

A six man survey crew is working on this location survey which was started January 16, 1978. Work to date has consisted of checking ownerships, obtaining right-of-entry permits and setting control points. The location survey is approximately 8% complete.

F 59-1(2)7
Clyde Park - North & South
Length - 6.7 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All work requested from the field has been completed.

F 59-1(3)14
Clyde Park - North
Length - 6.2 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All information requested from the field has been transmitted to Helena.

F 64-1(2)3
US 191 Spur
Approximate Length - 6.7 Miles

Engineer Unassigned

All information requested from the Bozeman Division in the plan-in-hand report has been submitted to Helena.

HHS 86-1(2)1
Int. of FAP 86 & FAS 536

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: 12-30-77

All data from this location survey was transmitted to Helena on December 14, 1977.

F 86-1(3)23
Park Co. Line - South
Length - 8.1 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

The completed hydraulic situation survey and the Hydraulic Forms #1 were submitted to Helena on 2-9-78, with the exception to the Hydraulic Survey of "Fairy Creek" at Station 149+30 and the irrigation surveys.

F 86-1(4)18
8 Miles South of Park Co. Line-South
Length - 6.0 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 6-30-78

This location survey was started on January 25, 1978. A four to five man survey crew has been setting control points and running a control traverse. Survey as a whole is 11% complete.

F 86-1(5)3
Bridger Canyon
Length - 1.8 Miles

Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Estimated Completion Date: 4-28-78

This location survey was started on January 16, 1978. A one to five man crew has been setting points, running centerline and checking ownerships. At the present time this location survey is approximately 18% complete.

IR 90-6( )
Rocky Canyon (PMS Overlay)
Length - 5.3 Miles

Engineer Unassigned

No information has been requested from the field.

I 90-6( )315
Bozeman Pass - West, Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(17)350
Springdale - Big Timber
Length - 13.477 Miles

Roger E. Blossom
Phone: 932-3515 Big Timber

All requested work has been completed.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

Engineer Unassigned

All requested work has been completed.

I 90-7(35)364 U-2
Big Timber - Greycliff
Length - 5.5 Miles
Grading & Str. at Sta. 619+80

Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber

All requested field work has been completed.

I 90-7(35)364 U-3
Str. at Sta. 588±, 680±, & 698±

Engineer Unassigned

All requested work has been completed.

I 90-7(35)364 U-4
Length - Gr. & Strs. - 4.9 Miles
P.M.S. - 10.4 Miles

Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber

All work requested to date has been completed.

I 90-7( )321
Bozeman Pass - East
Rest Area & Sand House

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(40)332
Snow Fence
Approx. Length - 5.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

A final plan-in-hand was held on February 28, 1978.

I 90-7(41)375
Greycliff - East
Access Road (Prairie Dog Town)
Length - 0.440 Mile

Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber

All requested work has been completed.

F 91-1(1)0
Big Timber - E & W
Signs, Traffic Control Devices

Engineer Unassigned

All requested work has been completed.

HHS 205-1(1)28
North of Bozeman
Guardrail - B. N. Overpass

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

S 487-1(1)0
Big Timber - North & East
Approx. Length - 9.0 Miles
Design Started: 6-13-77

Larry O. Williams, Designer II
Phone: 586-9562 Bozeman
Estimated Completion: 1979

There was no work on the design on this project during the past month and the design remains 5% complete. A survey crew has been re-assigned to obtain additional information on a line projection.

RS 563-1(1)0
Springdale - Hunters' Hot Springs
Length - 2.0 Miles
Design Started: 5-2-77

Larry O. Williams, Designer II
Phone: 586-9562 Bozeman
Estimated Completion: 1978

The preliminary special provisiions and cost estimate were prepared this period making the field design 50% complete. The preliminary plan-in-hand was held on March 1, 1978.

M 1201(1)
North 19th - Bozeman
Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The City of Bozeman submitted their recommendations of a typical section to Helena on March 2, 1978.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Engineer Unassigned

All information requested to date has been transmitted to Helena.

M 1212(1)
Kagy Lane - Bozeman
Design
Approx. Length - 1.1 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The City of Bozeman submitted their recommendations of a typical section to Helena on March 2, 1978.

M 7403(1) Morrison-Maierle, Inc.
5th St., Park to Front - Livingston
Design
Approx. Length - 0.1 Mile

The final plans have been delivered to the Montana Highway Department.

M 7404(1) Morrison-Maierle, Inc.
Front St., from Main to Cemetery-Livingston
Design
Approx. Length - 0.9 Mile

The final plans have been delivered to the Montana Highway Department.

M 7406(1) Morrison-Maierle, Inc.
Main, Chinook & Gallatin - Livingston
Design
Approx. Length - 1.3 Miles

All field work has been completed and the preliminary plans are now 100% complete. A plan-in-hand is scheduled for March 8, 1978. The design of this project as a whole is now 65% complete.

M 7412(1) Morrison Maierle, Inc.
Ninth St., Geyser St. to Bridge End-Livingston
Design
Approx. Length - 0.3 Mile

The final plans were submitted to the Montana Department of Highways on 2-15-78.

M 7412(2) Morrison-Maierle, Inc.
River Drive, From 9th St. East-Livingston
Design
Approx. Length - 0.2 Mile

The final plans were submitted to Montana Department of Highways on 2-15-78.

I-000B(2) & F-000B(1)
Revegetation & Erosion Control
Route I 90 & FAP Routes 13, 45
50, 59, 84 & 86
Contract Awarded:
Contract Amount:
Proceed Order Date:
Work Not Started

William G. Shuyler, FPM
Phone: 586-9562 Bozeman
Contract Time: 60 Working Days
Probable Completion Date:

Bids were opened on these projects on February 23, 1978.

F 45-1(1)15
Big Timber - North
Length - 11.5 Miles
Plant Mix Overlay
Contract Awarded: 10-1-77
Contract Amount: $652,048.05
Proceed Order Date: 10-24-77
Work Not Started

Meyer Construction Company
Billings, MT
Roger E. Blossom, PE, FPM
Phone: 932-3515 Big Timber
Contract Time: 90 Working Days
Probable Completion Date:

No word has been received from the contractor regarding a preconstruction conference.

F 50-2(1)88
Signals
Intersection of Main & 5th - Bozeman
Contract Awarded: 7-29-77
Contract Amount: $30,236.00
Proceed Order Date: 8-19-77
Work Not Started

Midland Electric Company
Billings, MT
William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Contract Time: 40 Working Days
Probable Completion Date:

The preconstruction conference was held on December 6, 1977. No time has been charged to date, and the contractor has 40 working days of contract time remaining.

ROS 50-2(5)56
US 191 Gallatin Canyon Safety
Safety Corrections
Contract Awarded:
Contract Amount:
Proceed Order Date:
Work Not Started

Engineer Unassigned
Contract Time: 60 Working Days
Probable Completion Date:

Bids were opened on this project on February 23, 1978.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East(West Section)
Grade, Agg. Surf., Pl. Mix Base, Structures
Length - 7.1 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,688.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, WA
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 1978

There was no work on this project during the past period and it remains 64% complete, with 64% of the contract time elapsed. The contractor has 112 working days of contract time remaining.

I 90-7(35)364 U-1
Big Timber - Greycliff
393.0' Composite Steel & Concr. Girder Br. & App.
Contract Awarded: 10-1-77
Contract Amount: $481,649.80
Proceed Order Date: 10-25-77
Work Started: 11-5-77

L. R. Huckaba Construction Co.
Cardwell, MT
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 170 Working Days
Probable Completion Date:

There was no work on this project during the past period and it remains 7% complete with 11% of the contract time elapsed. The contractor has 151 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass-East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brother Contractors
Victor, MT
George A. Sitton, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 5-15-78

There was no work on this project during the past period and it remains 97% complete with 92% of the contract time elapsed. The contractor has 23 working days of contract time remaining.

SMP 2999-77
Crushing and Stockpiling
Two sites - Madison County
Contract Amount: $79,200.00
Proceed Order Date: January 5, 1978
Contract Awarded: Dec. 15, 1977
Work Started: February 16, 1978

Zook Brothers Construction Co.
Great Falls, MT
Walter Deighton, Lab Supr. III
Phone: 586-9562 Bozeman
Contract Time: 50 Working Days
Probable Completion Date: 4-7-78

The contractor began crushing at the Ennis site (Pit No. 2940-36) on February 27, 1978. At the present time this contract is 22% complete with 44% of the contract time elapsed. The contractor has 22 working days of contract time remaining.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section - Bozeman

RCH:EPE:wb
cc: Bozeman Division Office
Bozeman Lab

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MAR 6 1978
CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
MARCH 6, 1978

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period February 7, 1978 thru March 6, 1978.

## GENERAL

Weather has been clear to overcast with temperatures ranging from $-5^{o}$ to $40^{o}$ with cold temperatures and heavy snow causing work stoppage.

## PRE-CONSTRUCTION

RF 25 (2) - Great Falls, Airport Access Road
Length: 0.7 miles - Cascade County
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1978

No work during this reporting period. Design remains 46% complete.

F 60-2 (03) - Great Falls East
F 64 (15)
Length: 9.537 Miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June 30, 1978

No work during this reporting period. Design remains 27% complete.

RS 220-1 (2) - Farmington - North
Length: 8.5 miles
Design Started: June 21, 1971

R. Fransen - Designer II
Great FAlls - Phone #452-2361
Prob. Comp. Date: March 28, 1978

Three men worked 30 man-days Preparing Final Design. Design is 79% complete.

RS 220-1 (2) - Agawam - North
Length: 3.6 miles
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: March 28, 1978

Three men worked 21 man-days Preparing Final Design. Design is 79% complete.

Department of Highways

March 6, 1978

RF 3-2 (05)
RF 236 (8)
Teton & Pondera Counties
Location Survey
Length: 20± miles
Survey Started: Feb. 16, 1977

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: March 1978

An 11 man survey crew is taking Cross-section, Topog., Plotting Profile and Hardshell. Survey is 61% complete with 1002 man-days used to date.

RF 9-1 (01)
RF 238 (13) - Bowmans Corner - Augusta
Location Survey
Length: 14.8 miles
Design Started:

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: March, 1979

Division Design Section received field data on February 15, 1978. Design will begin during next reporting period.

RS 228-2 (03)
RS 348 (18) - 5 miles South of Fort Benton
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Great Falls - Phone #453-2573

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

I 315 - Slip Ramps 10th Ave. South & 14th S.W. - Great Falls
Location Survey
Length: .04 miles
Survey Authorized: Sept. 29, 1977
Survey Started: October 21, 1977

Glen Enderson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Date: Feb. 17, 1978

Survey completed and forwarded to Division office on February 15, 1978 and transmitted to Helena on February 17, 1978.

BRS 330-1(2) - Missouri River Bridge - Ulm
Cascade County
Location Survey
Length: 0.614 miles
Survey Started: July 7, 1977

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Date: March 1, 1978

27 man-days used during this reporting period Plotting Hardshell, Profile and Compiling Field Notes. Survey is 100% complete with 121 man-days used. Survey received in Division office March 1, 1978 and will be submitted to Helena by first available transportation.

Department of Highways

March 6, 1978

M 5201 (2) - 6th Street N.W.
Great Falls - Cascade County
Location Survey
Length: 0.581 miles
Survey Started: May 24, 1977

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Date: Feb. 28, 1978

26 man-days used during reporting period Plotting Hardshell, Profile and Compiling Field Notes. Assigned crew engaged in other projects. Survey is 100% complete with 223 man-days used. Survey to be forwarded to Helena by first available transportation.

RS 534 (1) - Signing Upgrade on
Graveled Secondaries
Pondera County
Location Survey
Length: 26.7 miles
Survey Started: Jan. 10, 1978

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Comp. Date: Jan. 23, 1978

Survey completed January 23, 1978 using 8 man-days. Survey submitted to Division office on February 1, 1978, and to Helena on February 6, 1978.

## CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Company, Contractor
P. O. Box 11306
Spokane, Washington 99211
Walt Smith - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Comp. Date: October 21, 1977

Project completed October 21, 1977. Engineering Crew submitted Final Estimate to Division office December 22, 1977.

I 15-5(64) 238 U-1 - Hardy Creek Ramps
I 15-5(50) 239 U-1 - Cascade N.& S.(N.Sect.)
Cascade County
Add 2 Lanes
Length: 2.9 miles
Contract Awarded: Feb. 28, 1977
Contract Amount: $459,725.41
FHWA Concurrence: Feb. 28, 1977

Hilde Construction Company, Contractor
P. O. Box 2287
Great Falls, Montana 59403
D. D. Moore - Mgr. F.P.U.
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 100 Working Days
Comp. Date: October 19, 1977

Project completed October 19, 1977. Engineering crew compiling Final Estimate and other assignments. Final Estimate and Supporting Data to Division office on February 15, 1978.

Department of Highways

March 6, 1978

I 15-5(50) 239 U-2
Cascade North & South
1 Structure & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: January 27, 1977
FHWA Concurrence: January 31, 1977
Work Started: February 24, 1977
Amount of Contract: $188,651.79

Cop Construction Company, Contractor
P. O. Box 1938
Billings, Montana 59103
K. Minehan - Mgr. F.P.U. (Structure)
D. D. Moore - Mgr. F.P.U.(Approaches)
Harry Strong - Mgr. F.P.U.(Approaches)
Cascade - Phone #468-2801
Comp. Time: 110 Working Days
Comp. Date: Sept. 21, 1977

Project was completed September 21, 1977. Engineering crew submitted the Final Estimate to Division office November 29, 1977.

I 15-5(50) 239 U-3
Cascade North & South
3 Structures & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company, Contractor
P. O. Box 1938
Billings, Montana 59103
K. Minehan - Mgr. F.P.U. (Structures)
D. D. Moore - Mgr. F.P.U.(Approaches)
Harry Strong - Mgr. F.P.U.(Approaches)
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Comp. Date: October 17, 1977

Project completed October 17, 1977. Engineering crew resubmitted Final Estimate to the Division office January 20, 1978.

I 15-5(50) 239 U-4
Cascade North & South (South Section)
2 Strucutres & Add 2 Lanes
Cascade County
Length: 11.4 miles
Contract Awarded: August 15, 1977
FHWA Concurrence: August 15, 1977
Amount of Contract: $2,662,646.97
Work Started: August 29, 1977

Rehbein Contracting Inc., Contractor
P. O. Box 339
Plains, Montana 59859
K. Minehan - Mgr. F.P.U. (Structures)
D. D. Moore - Mgr. F.P.U.(Roadway)
Harry Strong - Mgr. F.P.U. (Roadway)
Cascade - Phone #468-2801
Comp. Time: 160 Working Days
Prob. Comp. Date: NOvember 15, 1978

Roadway: Contractor resumed work on Feb. 21, 1978, moving rock, Station 1820±. Flagpersons employed to control traffic during operation. Items and percent complete remain the same as last report except Uncl. Exc., which is now 58% complete. The project as a whole is 48% complete with 29% of the contract time elapsed. Roadway layout is 90% complete with an nine man engineering crew engaged in preparing construction supporting data and inspection.
Structures: No work during this reporting period. Items and percent complete remain the same as last report. The structures are 35% complete. Layout is 75% complete with a 2 man engineering crew engaged in preparing construction supporting data.

Department of Highways

March 6, 1978

I 15-6(20) 304 - Teton River - N. & S.(S.Sect.)
4.3 miles - Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started: April 1, 1976

Hilde & Maronick Const. Co.,(JV) Contr.
East Helena, Montana
S. Newton - Mgr. F.P.U. (Road)
K. Minehan - Mgr. F.P.U. (Structures)
Teton River Office
Comp. Time: 275 Working Days
Comp. Date: November 4, 1977

Project was completed November 4, 1977. Final Estimate submitted to Division office on December 2, 1977. Will be forwarded to Helena on or about March 9, 1978.

I 15-6(21) 304 - Teton River - N.& S.(S.Sect.)
Dual Rest Area, Lighting & Related Items
Teton County
Contract Awarded: April 5, 1977
Contract Amount: $323,589.40

Sletten Construction Company, Contractor
Great Falls, Montana
S. Newton - Mgr. F.P.U.
Teton River Office
Comp. Time: 175 Working Days
Prob. Comp. Date: June 30, 1978

Department of Highways installed permanent pump Feb. 7, 1978. Plumbers disinfected well and system, installed filters and charged N.Bnd clorinator system. Based on an inspection made Jan. 24, 1978, the buildings are now complete. Some minor work remains to be done in the Spring, with Final inspection being made at that time.

I 15-7(18) 330
E. Frtg. Road - Valier Jct. No. & So.
Pondera County
13.84 miles, Grading, Agg. Surf.,
Pl. Mix Bit Base, Seal and Cover
Contract Awarded: Nov. 3, 1976
Contract Amount: $1,219,920.50

McIntyre Const. Co. & S. Birch Inc.
Great Falls, Montana
Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Comp. Time: 140 Working Days
Comp. Date: October 28, 1977

Project completed October 28, 1977. Final Estimate was submitted to Division office November 18, 1977.

BRF 9-2 (3) 63
Teton River Bridge - South of Choteau
Teton County
Contract Awarded: August 15, 1977
Amount of Contract: $447,638.98

Frontier West, Inc. Contractor
P. O. Box 8242
Missoula, Montana 59801
Don Harrison - Mgr. F.P.U.
Choteau
Comp. Time: 130 Working Days
Prob. Comp. Date: August 15, 1978

Progress has been fair. Contractor is continuing forming and placement of reinforcing steel. He plans no concrete placement until weather improves. No subcontractors have worked during this reporting period. Items and percent complete are: Remove Structure, 98%; Concrete-Class AD,14%; Structural Steel,13%; Struct. Exc., 21%; Piles-Drive & Furnish, 42%; Re-Steel, 2%. Project as a whole is 37% complete with 34% of the contract time elapsed. Construction layout is 60% complete with a 3 man engineering crew engaged in layout and inspection. Detour is in good condition.

Department of Highways

March 6, 1978

ER 72 (4)
Landers Fork - Flood Damage Repair
Lewis & Clark County
Contract Awarded: Dec. 15, 1977
Amount of Contract: $109,020.50

General Constructors, Contractor
P. O. Box 3589, Butte, Montana 59701
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Prob. Comp. Date: June 30, 1978

Progress has been fair. Contractor began work February 14, 1978, building spur dike Lt. of Sta. 552+00. Riprap supplier is moving equipment onto the project, but to date has not supplied any material. Items and percent complete are: Traffic Control, 28%; Mobilization, 50%; Exc.-Uncl. Chan., 80%; Exc.-Uncl. Bar., 43%; Comp., 63% and Misc. Work, 100%. The project as a whole is 14% complete with 0% of the contract time elapsed. Construction layout is 80% complete with a 3 man engineering crew engaged in layout and inspection.

F 80-1 (1) 5
Fort Benton - South-Geraldine-Fort Benton
Chouteau County
9.5 miles - Pl. Mix Overlay
Contract Awarded: Oct. 1, 1977
Contract Amount: $523,710.83

Meyer Construction Company, Contractor
P. O. Box 1417, Billings, Montana 59103
Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 90 Working Days
Prob. Comp. Date: June 1978

To date the Preconstruction Conference has not been set.

HHS 24-4 (2) 127
Mt. 200 at Int. Mt. 21 and U.S. 89
Intersection Improvements
Cascade County
Contract Let: October 27, 1977
Contract Awarded: November 2, 1977
Contract Amount: $148,488.00

Kraus Construction Company, Contractor
P. O. Box 923, Great Falls, Montana
Walt Smith - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 45 Days
Prob. Comp. Date: June 30, 1978

To date no Preconstruction Conference has been scheduled. Construction layout is 75% complete. Five man crew assigned.

TQS 228-1 (3) 0
Great Falls - Highwood
Cascade County
13.7 miles, Pl. Mix Overlay & Seal & Cover
Contract Awarded: July 29,1977
Contract Amount: $1,087,497.70

Hilde Construction Company, Contractor
P. O. Box 2287, Great Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 140 Working Days
Prob. Comp. DAte: August 15, 1978

Project is shut down, contractor intends to resume in the Spring. Items and percent complete remain the same as last report. The project as a whole remains 51% complete with 30% of the contract time elapsed. Construction layout is 80% complete with the engineering crew engaged in other assignments.

Department of Highways

March 6, 1978

RS 228-2 (4) 40
Fort Benton - South
Chouteau County

Glen Enderson - Mgr. F.P.U.
Fort Benton - Phone #622-5502
Comp. Time: 140 Working Days

The bids were opened Feb. 23, 1978, with apparent low bidder being General Construction Company, of Butte, however, project was not awarded. Construction layout is 50% complete with a 6 man crew engaged.

RS 330-1 (3) 31
Cascade East - Cascade-Ulm Loop
Cascade County
6.5 miles - Pl. Mix Overlay
Contract Awarded: Dec. 15, 1977
Contract Amount: $250,432.62

Meyer Construction Company, Contractor
P. O. Box 1417, Billings, Montana 59103
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 75 Working DAys
Prob. Comp. Date: July 1978

To date the Preconstruction Conference has not been set. Time assessment will begin April 17, 1978.

RS 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Amount: $877,194.60
Contract Awarded: June 30, 1976

Hilde Construction Company, Contractor
P. O. Box 2287, Great Falls, Mont.59403
Tom Hammerbacker - Mgr. F.P.U.
P. O. Box 1301, Conrad, Montana 59425
Comp. Time: 110 Working Days
Comp. Date: July 8, 1977

Final Estimate submitted to Division office on December 2, 1977. Final submitted to Helena office on February 23, 1978.

M 5201 (5) U-2
Structure on 6th St. S.W. - Great Falls
Cascade County
Contract Awarded: May 31, 1977
Amount of Contract: $2,008,232.79

Sletten Construction Company, Contractor
P. O. Box 2467
Great Falls, Montana 59403
T. Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 300 Working Days
Prob. Comp. Date: August 30, 1978

Progress has been fair. Contractor employed 18 men for 20 - 10 hour shifts. Tying resteel, forming and placing concrete. Bents 1 and 5 have stub footings placed. No work on Pier No. 2. Pier No. 3 has the footing placed and one-half pier shaft formed. Pier No. 4 is in place but requires finishing. Items and percent complete are: Shore & Crib, 63%; Str. Exc., 66%; AD Conc., 34%; Un. Timber Pile/Drive/Furnish, 80% and Re-steel,14%; Uncl. Exc. & Borrow, 95% and Drive & Furnish Treated Pile, 100%. The project as a whole is 29% complete with 34% of the contract time elapsed. Construction layout is 50% complete with a 3 man engineering crew engaged in inspection, layout and testing.

Department of Highways

March 6, 1978

M 5217 (2)
Traffic Control Devices
10th Ave. So. at 25th And 26th St. - Gt. Falls
Cascade County
Contract Awarded: June 27, 1977
Amount of Contract: $60,924.25

Cascade Electric Company, Contractor
903 10th Ave. North, Great Falls, Mt.
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Date: June 15, 1978

Notice to Proceed dated July 18, 1977. Due to non-arrival of signal poles and the lateness of the construction season,no work is anticipated on this project until Spring of 1978. All submittals on electrical materials approved for use. The project as a whole is 0% complete with 0% of the contract time elapsed. Construction layout is 90% complete with the engineering crew assigned to other projects.

SMP 5099-77
Maintenance
Cascade, Chouteau, Lewis & Clark and Teton Counties
Contract Awarded: Feb. 28, 1977
Contract Amount: $195,450.00

Mortensen Construction Company, Contractor
P.O. Box 1626
Great Falls, Montana 59403
Glen Enderson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 100 Working Days
Comp. Date: October 19, 1977

Project completed October 19, 1977. Final Estimate was submitted to Division office on December 2, 1977 and sent to Helena on March 3, 1978.

James T. Sullivan - P.E. - Supvr.
Division Construction Section

JTS/MRB/ac
cc: File

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

March 3, 1978

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending March 3, 1978.

## GENERAL

The weather this past reporting period has been fair with some snow. The temperatures ranged from -15° to +50°.

## PRECONSTRUCTION

M 5709 (1), 13th St. to 5th Ave. - Havre
Hospital Access Street
Preliminary Engineering

L. D. Nelson Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Road design plans have been printed for P.I.H. and returned to the Division office.

HHS 58-1 (1) 30, St. Mary - Babb
Fencing Survey
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F 10-2 (1) 79, Big Sandy - North
10.1 miles, Chouteau County
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F 10-2 (3) 51, Loma - North and South
3.5 miles, Chouteau County
Preliminary Engineering

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Establishing elevations at target points and designated elevation sites is 100% complete. The triangulation work has not started. The preliminary engineering as a whole is 50% complete with 24 mandays used to date.

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S 241-1 (01), Turner - Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project. Design as a whole is 25% complete with 24 mandays used to date.

RS 233-1 (01), Havre - North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 40% complete.

RS 233-1 (2), Havre - North
12.0 miles, Secondary Rte. 233
Location Survey

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

A seven man engineering crew worked 52 mandays this reporting period. Establishing and referencing centerline is now 100% complete. Running bench and check levels is 50% complete. General and utility topography is 50% complete. The survey location as a whole is 25% complete with 76 mandays used to date.

F 44-1 (01), Valier - East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

A four man engineering crew worked 47½ mandays taking additional topography, plotting centerline on the hardshell and plotting the profile. Centerline, bench and check levels are 100% complete, section ties are 2% complete. Plotting profile is 50% complete and plotting hardshell is 5% complete. A total of 353½ mandays have been worked to date and the location is 75% complete.

RS 552-1 (01), Sunburst - East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

No work on this project during this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

F 1-(3)-(03) 210
Two Medicine Bridge - East and West
3.6 miles, Glacier County
Location Survey

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

A five man engineering crew run and referenced center line from station 25+89.3 to 70+00. After an inspection of this center line it was decided to make the bridge location further down stream in order to have more clearance from the railroad track from station 34+00 to 39+00 where the original R/W was 35'. The engineering crew has been flagging and setting points on this line the past week.

ROS 4144 (52) Chinook - E. & W.
Bridge End Protection
Preliminary Engineering

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

Preliminary survey work started on January 5, 1978. Preliminary survey work and design have been completed and was submitted to the Preconstruction Bureau on February 28, 1978.

## C O N S T R U C T I O N

HHS 1-3 (1) 223, Browning - East-West Road
0.5 miles, Glacier County
Slope flattening and guard rail
(Safety Correction)
Contract Let: September 29, 1977
Contract Amount: $128,316.89
Work not started

Evenson, Inc.
Chouteau, Montana
Hugh Klepzig, Field Project Manager
Telephone No. 226-5811
East Glacier Park, Montana
Contract Time: 45 working days
Probable Completion Date: 6/30/78

No work on this project this reporting period. Layout as a whole is 85% complete.

U 95 (17) Gildford - Havre - East
U. S. 2 - Havre - Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: March 1, 1976
Contract Amount: $1,434,327.32
Work Started: April 5, 1976

Baltrusch Construction Co. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Completion Date: july 26, 1977

One to two men worked 17½ mandays checking final estimate and notes. Checking final estimate and notes is 97% complete. Estimated submittal date is March 8, 1978.

RF 62 (14) & RF 132 (14)
Shelby - Chester, Chester-West
5.36 miles grade, aggr. surf.,
surf., storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co. & Affiliates
Havre, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 200 working days
Completed Date: 8/1/77

A six man engineering crew is working on the final estimate and notes. The final is approximately 75% complete and the estimated submittal date to the Division office is March 15, 1978.

I-IG 15-8 (25) 379
Sunburst - Canadian Line
Sweetgrass - South, Sunburst - South
Gr. agg. surf., pl. mix
bit. base, pl. mix bit. surf.,
structures, safety correction
& pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Manager
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77

A 3 to 7 man crew worked 16 days this reporting period on the final estimate and notes.

The final estimate is approximately 30% complete.

I 15-8 (28) 343 Unit 1
Toole County Line - North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $3,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc., and
Maronick Construction Co., Inc. (J.V.)
Great Falls, Montana 59403
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 230 working days
Completion Date: 7/7/77

Three men worked on final estimate and notes in the field office. The final was completed and submitted to the Division office on February 23, 1978. One to four men worked 16 mandays checking notes. Checking final estimate and notes is approximately 10% complete. Structure notes have not yet been submitted to the Division office.

I 15-8 (33) 343
Toole County Line - North
8.314 mi. agg. surf.,
pl. mix bit. surf. & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work Started: 5/16/77

Empire Sand & Gravel Construction Co.
Billings, Montana 59103
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable Completion Date: 6/30/78

Three men are working on porject notes. The project as a whole is 56% complete with 72% of the contract time elapsed.

RF FLH 353 (15)
Two Medicine Bridge - East
5.7 miles - Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work Started: 4/28/77

Hilde Construction, Inc.
Great Falls, Montana
Hugh Klepzig, Field Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Probable Completion Date: 6/30/78

The project is on winter shut down. Two men have been checking notes. The project as a whole remains 75% complete with 75% of the contract time elapsed.

RS 432-1 (2) 27
Big Sandy - Rudyard
7.3 miles - Chouteau & Hill Counties
Grade, aggr. surf., pl. mix base and signing
Contract Let: 5/26/77
Contract Amount: $935,668.76
Work Started: 7/6/77

Wickens Brothers
Lewistown, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 140 working days
Probable Completion Date: 7/1/78

No work on this project. Seeding and fertilizing is 50% complete. The contractor finished gravel to bluetops, making the following items 100% complete. Grading, drainage, 1½" C.B.C. and stockpiling of 1" P.M.B.C. and ½" cover material. The project as a whole is 71% complete with 64% of the contract time elapsed. A 6 man engineering crew is engaged in remeasuring, and working on other projects.

TQS 464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
Grade, gravel, and pl. mix base
Contract not let

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

Survey work suspended on this project the past reporting period due to weather conditions. There has been no utility work on this project.

F-1-6 (2) 382
U.S. 2 - Havre - (E. Section)
1.9 miles - Hill County
Grade, gravel surf., pl. mix surf., and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work Started: 7/20/77

Baltrusch Construction Inc. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 8/30/78

There has been no work on the project since the contractor completed the crushing and stockpiling of 1½" crushed base on 11/14/77. The drainage mainline, drop inlets, and related pipe are 100% complete. The drainage structures as a whole are 90% complete. The project as a whole is 35% complete with 30% of the contract time elapsed. There are no personnel assigned to the project. The engineering crew is assigned to other projects.

SMP 1899-77 Various Roads
Crush and Stockpile
Pondera, Toole and Glacier Counties
Contract Let: 12/15/77
Contract Amount: $111,610.00
Work not started.

Hilde Construction Co., Inc.
Great Falls, Montana
Engineer - Unassigned
Contract Time: 45 working days
Probable Completion Date: 5/30/78

No work on this project.

Respectfully submitted,

For Hazen D. Flickinger, P. E. Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
MARCH 2, 1978

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending February 28, 1978.

## GENERAL

Progress throughout the Division has been poor. The weather was mostly cold and windy. Temperatures ranged from minus 20 degrees to plus 30 degrees. Blizzard conditions existed several days during the period.

## PRECONSTRUCTION

F-20-2(1), SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

Unassigned
Design Started - August 4, 1975
Est. Comp. Date - May 1, 1979

Location work is 99% complete with minor work of field checking 3 Section ties and some Topography. 18½ mandays were used on design this past period plotting cross sections, coding computer forms and plotting template and topog on cross sections. Design is 5% complete with 50½ mandays used to date.

RF-20-2(2), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

Unassigned

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 mandays used to date.

F-25-1(1)0, CIRCLE-NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978

Robert A. Passow, S.E.T.
Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - June 1, 1978

Work on this project this past period consisted of field work on Horizontal ground control using a electronic measuring device. 11.5 mandays were spent in the office checking field note; 42 mandays were spent in the field gathering Horizontal ground control data. A crew of 1 to 4 men have worked a total of 200.5 mandays on the project. The project as a whole is 50% complete.

F-42-1(1)0, FLOWING WELLS-NORTH
Length - 19.7 Miles
Survey Authorized - March 16, 1977

G.L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Est. Comp. Date (Design)-May 15, 1978

No work on this project during the past period. P.I.H. has been rescheduled for March 8, 1978. Design is 60% complete with 7 mandays used to date.

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S-201-2(1)39, PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 mandays used to date.

RS-252-1(1), CIRCLE NORTHWEST
Length - 10.524 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975

Robert A. Passow, S.E.T.
Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - April 30, 1979

A 2-11 man engineering crew has worked 78.5 mandays this past period. 40 mandays were spent rerunning centerline and taking topog from Sta. 410+00 to Sta. 564+43. 13 mandays were spent plotting plan; 515 mandays were spent plotting profile and 20 mandays was spent checking the bench level circuit. Flyline established, centerline run, bench marks are 100% complete, cross-sections remain at 86% complete, topography is 80% complete, section tie remain at 10% complete, field note checking remains at 50% complete, plan plotting is 84% complete, profile plotted is 84% complete. A total of 601 mandays have been used on this project, making it 75% complete. Snow conditions and adverse weather has slowed progress on field work.

RS-253-2(1)36, BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

S-323-1(1)47, ALZADA-EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Dennis C. Tenney, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Extimated Comp. Date - June 1, 1978

No work on this project during the past period. Horizontal control is 50% complete and elevations are 100% complete. A total of 265 mandays have been used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-4(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded-March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dak. 58220
H.D. Kelly, Fld. Proj. Mgr.-Roadway
C.H. Neiffer, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 260 Working Days
Prob. Comp. Date - June 1, 1978

Work on this project remains suspended for the winter. Three engineers this past period working on notes and supporting data. Six to seven engineers on survey crew in the field on remeasure of borrow pits and roadways. Final estimate to date is approximately 75% complete on projects I-94-5(17)165 and I-94-6(18)174 and 50% complete on project I-IG-94-5(14)181. The contract as a whole is 98.7% complete with 267 working days or 97% of the contract time elapsed.

I-94-5(15)183 Unit 3
FALLON-DAWSON COUNTY LINE
Completing Superstructure on Dual Bridges
Contract Awarded - January 27, 1977
Amount of Contract - $1,005,548.41
Work Started - April 21, 1977

Weyher Construction Company
P.O. Box 628, Salt Lake City, UT 84110
C.H. Neiffer, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Prob. Comp. Date - June 1, 1978

No work in progress this past period. All construction operations ceased at end of shift November 15, 1977 until next spring when grinding of high spots in deck, application of protective coating and painting will be done under favorable weather conditions. Project remains 90% complete with 132 working days used or 84% of the contract time elapsed. Construction layout with one engineer part-time is 97% complete. Final estimate is 50% complete.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf.,Plant Mix Surf.
Signing, Guardrail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dak. 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Comp. Date - October 31, 1977

Contractor was completed on October 31, 1977 using 233 working days or 95% of the contract time. Four engineers working on final quantities. Final estimate is estimated 55% complete.

I-94-6(29)226 UNIT 1
GLENDIVE-WIBAUX CO. LINE WEST (EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1977
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dak. 58220
Vic Scheuffele, Eng. Tech. III-Roadway
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Prob. Comp. Date - May 15, 1978

There has been no progress this past period as the Contractor, Joe Mayo & Son, Inc., has suspended operations until the spring and no time has been charged to the Contractor as per ARTICLE 08.06B. The project is estimated at 97% complete with 79% of the contract time charged to date, with one to two engineers working on final estimate which is estimated to be 60% complete.

I-94-6(30)221 UNIT 1
WIBAUX COUNTY LINE-WEST (MIDDLE SECTION)
Length - 4.7 Miles
Grade, Related Items, and Dual Overpass
Contract Awarded - August 15, 1977
Amount of Contract - $1,418,195.30
Work Started - September 6, 1977

McIntyre Const. & S. Birch, Inc.
Box 2167, Great Falls, MT 59403
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy.
K.G. Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - September 1, 1978

There has been no progress this past period as the contractor, McIntyre Const. Co. & S. Birch, Inc., has suspended operations until the spring and no time has been charged to the contractor as per ARTICLE 08.06B of the Standard Specification for Road & Bridge Construction 1976 Edition. The project is 47% complete with 47 working days used or 31% of the contract time elapsed. Construction layout with two men working part time on checking of pay quantities is estimated to be 65% complete.

F-27-2(1)44, BAKER-NORTH
Length - 10.3 Miles
Plant Mix Overlay
Contract Awarded - June 27, 1977
Amount of Contract - $617,681.20
Work Started - September 16, 1977

Mayer Construction Company
Box 1417, Billings, Montana 59101
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana-Phone 365-2877
Contract Time - 90 Working Days
Prob. Comp. Date - May 31, 1978

There has been no work on this project during the past period. The major contract items remain as follows: a total of 15,420 tons P.M.S. Grade C. produced and placed to date using 866 ton of Asphalt Cement 200-300 and 196 ton of Hydrated Lime making these items 48% complete. A total of 2656 gallons of SS-1 used to date making this item 15% complete. The project as a whole is 42% complete with 65 working days used or 72% of the contract time elapsed. Constr. layout remains at 72% complete.

RF-391(16), LAMBERT-EAST AND WEST
Length - 43.2 Miles
Plant Mix Bitum., Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, N. Dak. 58501
James Baldwin, Fld. Proj. Mgr.
Culbertson, Montana - Phone 787-5701
Contract Time - 110 Working Days
Prob. Comp. Date - May 15, 1978

All work on the project is completed with the exception of final pit reclamation which, because of Standard Specification in regards to seeding date, will not be accomplished until next spring. The project as a whole is 99% complete with 96 days or 87% of contract time elapsed. Checking of final quantities in the Division Office is 80% complete.

RS-128(12), WIBAUX COUNTY LINE-NORTH
Length - 5.772 Miles
Grade, Aggr. Surf., Pl. Mix Base and Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, N. Dak. 58718
James Baldwin, Fld. Proj. Mgr.
Culbertson, Montana - Phone 787-5701
Contract Time - 160 Working Days
Prob. Comp. Date - April 30, 1978

All roadway and bridge items are 100% complete as of August 30, 1977. Haul road reclamation is the only work remaining on the project and is in the process of being turned over to the landowner. The project as a whole is 100% complete with 170 days or 99% of the contract time elapsed. A one to 4 man crew working part time on final quantiites which are 15% complete.

RS-323-1(2)47, ALZADA-EKALAKA
Length - 3.2 Miles
Grade, Drain, Aggr. Surf., Plant Mix Bitum.
Base, Seal and Cover
Contract Awarded - May 31, 1977
Amount of Contract - $773,245.82
Work Started - July 13, 1977

Earth Builders, Inc.
Box 838, Bismarck, N. Dak. 58501
Dennis C. Tenney, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 120 Working Days
Prob. Comp. Date - July 1, 1978

Contractor not working this past period. The project is 85% complete with 93 working days used, or 78% of the contract time elapsed. Construction layout is 95% complete. One engineer working part time on final quantities which are 45% complete.

RS-394(3), WEBSTER-WEST
Length - 10.036 Miles
Grade, Aggr. Surf., & Prestressed Con. Gir. Bridge
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Construction & S. Birch Co.
P.O. Box 2167, Great Falls, MT 59403
Melvin Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - May 15, 1978

The prime contractor has not worked on this project during the past period. The major contract items remain as follows: A total of 49,701 tons of 1" C.T.S. or 68% complete, fencing items 99% complete, signing items 100% complete, all other items are 100% complete. The project as a whole remains 97% complete with 130 working days used or 81% of the contract time elapsed. The construction layout remains 96% complete with a three man engineering crew in field office on notes, white prints and linens this past period.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor-
Division Construction Section

BR/JMB/las

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
March 3, 1978

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending March 3, 1978.

## GENERAL

The weather has been extremely cold with general snow showers and blizzard conditions throughout the division. Road construction in general has shut down for the winter. Work on off system signing and off system road projects has also shut down. The temperatures ranged from a low of -20 degrees to a high of 37 degrees.

## PRECONSTRUCTION

F 1-9(2)537, Glasgow West
Approximately 4 Miles in Length
Scheduled for Letting June, 1978

George L. Nelson, Fld Proj Mgr
Glasgow, Montana

Work the past period consisted of making and checking preliminary notes, retracing and rerunning centerline of roadway - 100% complete. Referencing of roadwy is 50% complete. Bench levels on roadway have been run. Construction layout is 2% complete. Six to seven engineering personnel are assigned to the project.

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76
Survey Resumed--01-09-78

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--04-15-78

Five man crew worked 76 man days this past period taking topography in miles 4, 5 and 6. Progress slow because of very poor weather conditions and deep snow. Percentages complete on the 10.1 mile survey are as follows: centerline, bench levels, profile, profile plotted and section ties 100% complete; topography 50% complete. The project as a whole is 69% complete. Division office personnel used six man days checking field notes and preparing detail map making a total of 753 man days used to date on location survey.

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F 32-1(01)0, Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date--03-31-78

Three man days used by Division office personnel plotting location data. Centerline, bench levels and topography are 100% complete. Section ties are 75% complete; cross sections are 17% complete. The survey as a whole is 62% complete with 348 man days used to date.

TQF 32-1(2)0, Macon-North & South
Approximately 6 Miles in Length
Scheduled for Letting May, 1978

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050

Progress this past period consisted of running centerline, establishing bench marks, setting R/W breaks and control points. Three to six engineering personnel are engaged on the project.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77
Location Survey Suspended--03-30-77
Location Survey Resumed--12-05-77
Location Survey Suspended--02-01-78

George Nelson, Fld Proj Mgr
Scobey, Montana
Est. Compl. Date--03-31-78

No work this past period. Percentages on the survey are as follows: centerline and bench levels 100% complete; topography 60% complete; section ties 40% complete; cross sections 10% complete. The project as a whole is 48% complete with 307 man days used to dated. Survey suspended, crew transferred to Glasgow.

F 62-1(01), Missouri River Bridge-South of Culbertson
Formerly F 273(16)
Approximately 0.2 Mile in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--02-15-78

No work on bridge site survey this past period. Crew engaged on other projects. Survey suspended until crew is available.

S 438-1(01), Nashua-North
Formerly RS 239(5)
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75
Location Survey Completed--01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started--01-17-77
Est. Compl. Date--11-30-77 (PIH)

No man days were used the past period. A total of 91 man days has been used to date on design which is 50% complete. Proposed plans submitted to Helena 11-21-77 for reproduction of PIH prints.

F 1-8(1)457 & HHS 1-8(2)454
Dodson-Malta & Dodson-East
Plant mix overlay, seal & cover
9.0 Miles in Length
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--
Bid Price--$537.518.34

Earth Builders, Inc.
Box 838
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391
Prob. Compl. Date--07-31-78

Contractor plans to begin crushing aggregate about 04-01-78. No personnel have been assigned to the project this past period.

RS 15(17) & RS 202(6),
Poplar-North and Brockton-North
7.647 Miles in Length
Plant mix surfacing, seal and cover
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--60
Prob. Compl. Date--04-15-78

No work in progress. Work remaining on contract items is seeding. Project is 99% complete with 95% of the project time elapsed. One engineering personnel working periodically on notes. Division office personnel spent two man days checking final supporting data.

F-FLH 25-2(2)47, Wolf Point
S.E. Section of the Circle-Wolf Point Road
5.7 Miles in Length
Grading, aggregate surfacing, plant mix bituminous surfacing, signing, lighting traffic signals and a 71.25' prestressed concrete girder bridge
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--10-13-77
Bid Price--$2,107,378.17

Wickens Brothers
Lewistown, Montana
Duane J. Novakovich, Fld Proj Mgr
653-1050
Working Days--150
Prob. Compl. Date--12-01-78

There was no progress this past period. Uncl. exc. remains at 105,000 or 68% complete. Uncl. channel exc. remains at 31,000 or 93% complete. Uncl. borrow exc. remains at 37,000 or 60% complete. 1½" cr. base remains at 21,000 or 10% complete, C.S.P. culvert installations are 83% complete. Fencing is 95% complete. Project is 15% complete with 11% of the contract time elapsed. Six engineering personnel are engaged on the project. Division office personnel used three man days checking bridge field notes and research of project history.

F 32-1(1)65, Port of Scobey
0.141 Mile in Length
Grading, plant mix bituminous base, seal and cover
Contract Let--11-17-77
Contract Awarded--12-15-77
Proceed Order Date--04-17-78
Work Started--
Bid Price--$65,360.85

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
487-5451
Working Days--45
Prob. Compl. Date--06-30-78

Construction will begin this spring. No personnel assigned to the project.

F 62-1(2)1, Sidney-Culbertson
6.7 Miles in Length
Grading, plant mix bituminous base, plant mix bituminous surfacing and signing
Contract Let--07-28-77
Contract Awarded--08-05-77
Proceed Order Date--08-26-77
Work Started--08-11-77
Bid Price--$2,272,925.24

William Clairmont, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--180
Prob. Compl. Date--06-01-78

No progress this past period. Items and percentage complete are: unclassified excavation 81% complete; culvert installation 39%; fencing 90%; stockpile P.M. base aggregate 92%; stockpiled 1½" base course 100%; 1½" plant mix base course 22%. Travel conditions are good with first lift of P.M. base on all completed grading in miles 5, 6 and 7. The project as a whole is 40% complete with 49 days or 27% of the contract time elapsed. The construction layout is 75% complete.

RF 153(12)U-1, US 2-Dodson
0.3 Mile in Length
Grading, aggregate surfacing, road mix surfacing and structure
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Constr., Inc., & Affiliates
Havre, Montana
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391
Working Days--120
Prob. Compl. Date--06-15-78

No work in progress. Remaining work consists of seal and cover, seeding and fertilizing. All completed items were submitted to the Division office for final checking on 12-15-77. This has been accomplished.

RS 248-4(2)18, Opheim-Scobey
Formerly S 8(12)
4.4 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base and widening timber bridge
Contract Let--05-26-77
Contract Awarded--06-16-77
Proceed Order Date--07-07-77
Bid Price--$669,459.08
Work Started--06-30-77

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
487-5451
Working Days--110
Prob. Compl. Date--06-30-78

RS 248-4(2)18, Opheim-Scobey (continued)

No work in progress this past period. Grading and drainage items are 100% complete. Production and stockpiling of all aggregate is 100% complete. 77,894 tons of 1½" select surf. have been hauled to the roadway and approaches or 98% complete. Timber pile and treated timber items are 100% complete. Revise timber structure is 95% complete. The project remains 62% complete with 71% of the contract time elapsed. Construction layout remains 95% complete.

TQS 250-1(2)37, Wolf Point N & E Loop (North Section)
6.0 Miles in Length
Aggregate surfacing and plant mix bituminous
Contract Let--08-11-77
Contract Awarded--08-15-77
Proceed Order Date--09-06-77
Work Started--08-31-77
Bid Price--$392,435.60

Gus M. Albert
Miles City, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--100
Prob. Compl. Date--06-15-78

There was no progress this past period. Project is shut down until sealing can be accomplished next year. Project is 80% complete with 34% of the contract time elapsed.

SMP 5399-77, Maintenance Stockpile
Crushing and stockpiling
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--02-24-78
Bid Price--$120,000.00

Wickens Brothers
222 S.W. Ash
Lewistown, Montana
Leroy E. Anderson, Supr.-Div. Lab
Wolf Point, Montana
653-1050
Working Days--80
Prob. Compl. Date--03-31-78

The contractor worked one 8-hour shift in Pit No. 5310-37 this past period with eight men employed. 1826.8 ton of ½" C.T.S. Type "A", Gr. 4 material was produced and hauled to the stockpile. Overall, the project is approximately 5% completed with 49% of the contract time elapsed.

Vernon D. Borden

Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:BH:psb

cc: Field Project Managers
Don Williams
File

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DEPARTMENT OF HIGHWAYS
Billings, Montana

March 3, 1978

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the period ending March 3, 1978.

## GENERAL

Temperatures ranging from +10 to +35 degrees prevailed during the reporting period. Heavy amounts of snow were received throughout the Division. Fair progress has been reported on all active projects. Progress on field location surveys has been slowed by deep snow and windy conditions.

## PRECONSTRUCTION

I 90-9(12)516- Lodge Grass-North Section
Length 9.1 Miles
Grade, Drain, PMB and PMS
Big Horn County
Project Scheduled for Letting 10-78

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255

One man worked in the office 8-8 hour shifts checking culverts and field notes and one man worked 7-8 hour shifts checking field notes and related items.

F 4-1(2)26 Bridger - Fromberg
Length 7.6 Miles
Preliminary Survey Authorized 11-10-77
Work Started 11-23-77

Michael Zahn, Fld. Project Mgr.
Bridger, Montana
Phone No. 662-3319
Probable Completion Date 4-15-78

Progress has been slow due to deep snow. Sixty-three man days were used to complete running center line and flagging an alternate alignment. To date 152 man days have been used on the survey.

U 16-1(3) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
1.100 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 3-31-78

Two men worked on this project checking proposed plan in hand changes and hydraulics recommendations and three men adding new topog to the plans and cross sections for final design work. Design work is 52% complete and the estimated completion date has been changed to March 31, 1978.

F 4-2(02) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Preliminary Survey Authorized 1-16-76
Work Started 2-2-76

Roddo Bakich, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-78

Progress this reporting period was good. The B.M. control was completed and work in progress on measuring distances and turning angles for the traverse course. The project is 84% complete.

M 1020(1) 1st Ave. North
Billings-Division St. to 22nd St.
Length 1.1 Miles
Survey Authorized 2-10-75

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Probable Completion Date 4-1-78

A 5 to 10 man survey crew spent February 6, 1978 through February 8, 1978, locating points and a 6 man survey crew spent the past reporting period running line, setting points, turning angles and taking topog. The project is 9% complete.

RS 416-1(1) Billings - South
8.2 Miles
Design Started 2-14-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 7-28-78

Two men worked on this project during the past reporting period, checking field note books. Field cross section notes have been transmitted to Helena for key punch on the ground line control printout. Two men checked the drainage survey notes and the hard shell plotting. Design work is 1% complete and the estimated completion date is July 28, 1978.

RS 306-1(1)0 Columbus - North
3.897 Miles Design Work
Design Received 3-30-77
Design Started 9-15-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

One man worked on this project during the last reporting period, an earthwork run has been submitted to Helena for processing. Design work is 10% complete and the estimated completion date is April 1, 1982.

RS 384-1(2) 19 Hardin-Sarpy Creek
Length 11.0 Miles
Grade, Drain, Gravel and PMBS
Big Horn County
Project Scheduled for Letting 4-78

Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995

A five man survey crew worked 8 days and a four man crew worked 2 days the first reporting period slope staking from Sta. 1050+00 to 1090+00 and from

RS 384-1(2) 19 Hardin-Sarpy Creek-Continued
1200+00 to 1203+40. A five man survey crew worked 8 days and a four man crew worked 1 day the last reporting period slope staking from Sta. 1203+40 to 1255+00. Slope staking has been completed from Sta. 1050+00 to Sta. 1135+00 and from Sta. 1200+00 to Sta. 1255+00 for a total of 2.7 miles or 23% complete. Centerline has previously been completed for 9.5 miles from Sta. 1038+31.5 to Sta. 1538+57.5 or 82% complete. The Right of Way points have been set and the Right of Way line has been completed for 7.1 miles left and right from Sta.1038+31.5 to Sta. 1414+20 or 61% complete. Bench Marks have been located and check levels run from Sta. 1038+31.5 to Sta. 1330+00. Engineering layout is 20% complete.

S 463-1(1)0 Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74
Design Started 11-4-74

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 5-15-82

No work was accomplished on this project during the last reporting period. Design work is 50% complete and the estimated completion date is May 15, 1982.

DP 384-2(1)41 Sarpy Creek Road
6.0 Miles Design Work
Design Received 9-77
Design Started 2-22-78

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 9-29-78

One man worked on this project during the last reporting period reviewing the proposed alignment, a halo run has been submitted through data processing for alignment control and cross sections. Design work is less than 1% complete and the estimated completion date is September 29, 1978.

DP 37-1(1) Crow Agency-Busby (West & Center Sections)
8.7 Miles Design Work
Design Started 7-18-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 6-30-78

Center Section
One man worked on this project during the last reporting period reviewing the proposed alignment. A halo run will be submitted to data processing for control of alignment and cross sections. Design work is less than 1% complete and the estimated completion date is March 30, 1979.

West Section
Three men worked on this project designing work summary sheets, transcribing notes to the linen sheets for final plan in hand prints, checking all notes on summaries plan sheets and cross section pages. Construction limits and R/W plans remain to be completed for the final plan in hand. Design work is 49% complete and the estimated completion date is June 30, 1978.

DP 37-1(1) Crow Agency-Busby (West & Center Sections)-Continued

Field Work
A five man engineering crew worked 9-8 hour shifts tieing P.I.'s into the coordinate system. A five man engineering crew worked 8-8 hour shifts locating section corners on this Center and East Sections of the project. A total of 95 man days were charged to the project during the past four weeks.

CONSTRUCTION

I 90-8(80)439 - Mossmain Weigh Station Revision
0.1 Miles, Revise Approaches and Facilities
Contract Awarded 10-1-77
Amount of Contract - $146,396.55
Proceed Order Date 10-25-77
Work Not Started

Empire Sand & Gravel Co., Inc.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 40 Working Days
Probable Completion Date 8-1-78

The contractor has not started work on the project and no word has been received as to when he will proceed with work. No engineering time has been charged to the project during the past reporting period.

I 94-1(37)50 U2 & I 94-2(20)51
Big Horn River East and West
5.9 Miles - Grading, Agg. Surf., Pl. Mix, Bit. Surf.
117.25' Structure
Contract Awarded - 12-15-77
Amount of Contract - $1,848,510.69
Proceed Order Date - 4-17-78
Work Started 2-9-78

Earth Builders, Inc., Bismarck, N.D.
John Miner, F.P.M. - Roadway
Kenneth Hartman, F.P.M. - Structure
Custer, Montana
Phone No. 635-4651
Contract Time: 160 Working Days
Probable Completion Date 12-1-78

The contractor began producing and stockpiling Base Course 3 Inch 2 A on February 9, 1978. The contractor is working two eight-hour shifts daily and employed nineteen men, and produced about 500 tons per hour. Six personnel are presently assigned to the projects. Grade staking is complete, except for the interchange ramps. Culvert staking is now 65% completed. Construction layout is 12% complete.

I 94-1(37)50 Unit 1
Structure and Approaches - Big Horn River 0.22 Miles Yellowstone & Treasure Co.
Contract Awarded 2-28-77
Amount of Contract - $1,007,315.91
Proceed Order Date 4-18-77
Work Started 4-8-77

Sletten Construction C.
Great Falls, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 635-4651
Custer, Montana
Contract Time: 210 Working Days
Probable Completion Date 6-1-78

Good progress. The contractor worked ten 8-hour shifts employing an average of seven men erecting and bolting structural steel, removing work bridge

I 94-1(37)50 Unit 1-Continued
Pier No. 3 and finished building work bridge Pier No. 4 Structural steel is 90% complete and shoring and cribs is 95% complete. All other contract items remain the same percentage complete as previously reported. The project is 65% complete with 145 working days or 69% of the contract time elapsed. Structure and approach staking and computations are 37% complete. Ninety-two man days have been charged to the project this newsletter period.

I 94-2(17)60 U1 & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Awarded 5-29-75
Amount of Contract - $4,998,829.68
Proceed Order Date 6-26-75
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Custer, Montana
Phone No. 635-4651
Contract Time: 300 Working Days
Completion Date 12-5-77

The contract has been completed. Two men are working up final quantities. The Final Estimate should be submitted to the Division Office by March 10th.

F 28-2(2)95 Front Ave.-Joliet
Installation of Sodium Vapor Lighting
0.2 Miles
Contract Awarded 7-29-77
Contract Amount - $17,363.00
Proceed Order Date 8-19-77
Work Started 11-9-77

Midland Electric Co.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date 5-1-78

No work has been done on this project since January 6th because of excessive snow and cold weather. The project is 90% complete. The remaining work consists of sawing off anchor bolts, attaching caps, installing watertight connectors, general cleanup in the Spring, and hooking up the electrical service. The rest of the items are 100% complete. Contract time elapsed has been five working days or 11%, with 40 days remaining. There has been no engineering time assessed to the above subject project since the last reporting period.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Proceed Order Date 9-14-76
Work Started 10-19-76

McEachern Construction Co.
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 5-1-78

No progress this reporting period due to poor weather conditions. All items remain the same as previously reported. The project is 98% complete

RF 108(16) Billings - North-Continued
with 96% of the contract time elapsed as of winter shut-down. Two persons are assigned to the project checking and compiling final estimate quantities. The engineering layout is 94% complete.

RF 188 (9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix Surf., Curb and Gutter Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Proceed Order Date 4-22-76
Work Started 4-2-76

COP Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Completion Date 1-3-78

Checking of the Final Estimate and supporting data is 75% complete in the Division Office. It is estimated that the Final will be submitted to Helena by March 17, 1978.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. N.-Billings
Gr. Agg. Surf., Pl. Mix Surf., Signs and Signals
Contract Awarded 10-20-76
Contract Amount - $128,510.00
Proceed Order Date 4-18-77
Work Started 3-16-77

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4621
Contract Time: 90 Working Days
Probable Completion Date 4-15-78

The contractor had one man employed during the past reporting period installing new detector head for the emergency pre-emp. at 4th Ave. N. and Expo. Drive to replace a defective existing one. All items are 100% complete except for the plastic striping and some general cleanup work. Contract time elapsed has been 58 working days or 48% with 62 working days remaining. A 1 to 2 man engineering crew has been inspecting and working in the office checking field notes and final quantities during the past reporting period. The project as a whole remains approximately 98% complete.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf., Bit. Base, Signing, in Carbon County
Contract Awarded 4-1-77
Contract Amount - $1,122,589.78
Proceed Order Date 4-29-77
Work Started 5-4-77

Rehbein Contracting, Inc.
Plains, Montana
Michael Zahn, Fld. Project Mgr.
Bridger, Montana
Phone No. 662-3319
Contract Time: 150 Working Days
Probable Completion Date 6-1-78

The contractor did not work on the project during this period. Grading Items are 100% complete. Drainage Items are 100% complete. Surfacing Items are 95% complete. Fencing Items are 100% complete. Seeding Items are 100% complete. Signing Items are 100% complete. Guard Rail Items are

TQS 308-1(2)4 Red Lodge-Belfry-Continued
100% complete. Canal Items are 98% complete. Sixty-seven man days were used checking notes, computing quantities and working on summaries and white prints. Construction layout is 100% complete. The project is 98% complete with 84% of the contract time elapsed.

DP-TQS 384-2(2)32 So. Section-Sarpy Creek Rd. Hildre Construction Co., Inc.
8.7 Miles- Pl. Mix Base, Pl. Mix Surf., & Misc. Work — Great Falls, Montana
Treasure County — Donald Kittelson, Fld. Project Mgr.
Contract Awarded 7-27-77 — Phone No. 665-3995
Contract Amount - $877,948.10 — Hardin, Montana
Proceed Order Date 7-18-77 — Contract Time: 100 Working Days
Work Started 8-30-77 — Probable Completion Date 6-1-78

No work was done on this project during this reporting period and the project is under a Winter Shutdown. All the items have been completed on the project except for the Seal and Cover and the final striping which will be done in the Spring of 1978. The Miscellaneous Items remain 96% complete. The Grading Items are 100% complete. The Surfacing Items remain 89% complete. The project as a whole remains 91% complete with seventy working days of 101 allowed having been used, or 69% of the contract time elapsed. Engineering layout remains 89% complete.

RS 311-2(3)11 Myers Bridger - N.W. — Wickens Brothers, Contractors
4.9 Miles Grade, Gravel, Drain, Pl. Mix Base and 81.25' Structure - Treasure County — Lewistown, Montana
Contract Awarded 6-6-77 — John Miner, Fld. Project Mgr.
Amount of Contract - $818,564.06 — Custer, Montana
Proceed Order Date 6-27-77 — Phone No. 635-4651
Work Started 6-16-77 — Contract Time: 120 Working Days
Probable Completion Date 6-1-78

No work has been accomplished by any contractor during this reporting period. Percentage complete of various items are as follows: Grading 99%, Drainage 98%, Signing 100%, Surfacing 91%, Fencing 97%, Structure 98% and Project as a whole 88%. 96 of the allotted 122 working days have been used to date, elapsing 80% of the contract time. No personnel are presently assigned to this project and construction layout remains 90% complete.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/er

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STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
March 3, 1978

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending March 3, 1978, for Division 5230 - Miles City, Montana.

## GENERAL

Mostly cloudy skies, periods of snow and occasional wind prevailed during the past period. One to four inches of snow was received throughout the division. Temperatures ranged from -24° to +36°. All construction projects are in good travel condition.

## PRECONSTRUCTION

F 23-1 (1) 1 - Main Street and Haynes Ave.
(Miles City)
Length - 1.3 Miles
Survey Started: January 25, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: May 15, 1978

Work in progress during the past period consisted of establishing bench marks on 0.3 mile, taking topography on 1.2 miles, making section ties on 1.3 miles and plotting plan on 0.2 mile. To date, centerline and levels have been run, bench marks established and section ties made on 1.3 miles or 100% complete. Topography has been taken on 1.2 miles or 74% complete. Cross sections have been taken and field notes checked on 0.4 mile or 30% complete. Plan has been plotted on 0.2 mile or 15% complete. 80 man-days were used during the period, making a total of 107 man-days. The survey as a whole, with a six-man engineering crew engaged, is 45% complete.

F 23-1 (2) 1 - Miles City-South (North Section)
Length - 5.4 Miles
Survey Started: January 3, 1978

D. F. Borer, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Mar. 31, 1978

Work in progress during the past period consisted of running centerline on 0.9 mile, taking topography on 4.0 miles, establishing bench marks on 5.4 miles and taking cross sections on 0.5 mile. To date, centerline has been run and bench marks established on 5.4 miles or 100% complete. Topography has been taken on 4.0 miles or 72% complete and cross sections taken on 0.5 mile or 9% complete. 107 man-days were used, making a total of 165 man-days. The survey as a whole, with a seven-man engineering crew engaged, is 45% complete.

F 23-1 (2) 1 - Miles City-South (South Section)
Length - 6.9 Miles
Survey Started: January 3, 1978

R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: May 1, 1978

Work in progress during the past period consisted of running levels on 5.9 miles, taking topography on 5.7 miles, and taking cross sections on 0.7 mile. To date, centerline and levels have been run on 6.9 miles or 100% complete. Topography has been taken on 6.3 miles or 91% complete. Cross sections have been taken on 0.8 mile or 12% complete. 101 man-days were used during the period, making a total of 207 man-days. The survey as a whole, with a six-man engineering crew engaged, is 34% complete.

DP 39-1 (3) 27 - Colstrip to I-94 (Center Section)
Length - 10.9 Miles
Survey Started: January 13, 1976
Survey Suspended: March 3, 1977
Design Started: May 16, 1977
Survey Resumed: July 20, 1977

W. D. Dane, Fld. Proj. Mngr. (Survey)
A. D. Anderson, Designer II (Design)
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date (Survey): Feb. 15, 1978

Location survey and design are in progress concurrently on this project. Survey work in progress during the past period consisted of working on section corner recordation forms. Section corner recordation and field note checking remain to be completed. One man-day was used during the period making a total of 407 man-days. The survey as a whole, with a one-man engineering crew engaged, is 99% complete. Design work in progress during the past period consisted of rebalancing grading quantities and working on drainage. 35 man-days were used during the period making a total of 204 man-days. Design as a whole is 14% complete.

DP 39-1 (3) 38 - Colstrip to I-94
(Armell's Creek - North and South)
Length - 6.4 Miles
Survey Started: January 13, 1976
Survey Suspended: February 10, 1976
Survey Resumed: September 30, 1977
Design Started: November 21, 1977

W. D. Dane, Fld. Proj. Mngr. (Survey)
A. D. Anderson, Designer II (Design)
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date (Survey): Feb. 15, 1978

Location survey and design are in progress concurrently on this project. Survey work in progress during the past period consisted of working on section corner recordation forms. Section corner recordation and photos on four drainages remain to be completed. One man-day was used during the past period making a total of 428 man-days. The survey as a whole, with a one-man engineering crew engaged, is 98% complete. No design work was performed during the past period. Preliminary plan-in-hand scheduled for February 14, 1978, was cancelled due to inclement weather. Design remains 6% complete with twenty-two man-days used.

DP 39-1 (5) 43 - Colstrip to I-94 (North Section)
Length - 7.0 Miles Grade, Agg. Surf., and Plant Mix Surfacing
Contract Not Let

R. R. Garland, Fld. Proj. Mngr.
Forsyth, MT - Tel. No. 356-2230

No work was performed on this project during the past period. To date, centerline has been run on 7.0 miles or 100% complete and R/W lines have been run on 5.5 miles or 79% complete. Construction layout, with a five-man engineering crew engaged, is 2% complete. Work on this project was suspended December 16, 1977.

S 447-1 (1) 29 - 8 Miles So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977

D. F. Borer, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: May 20, 1979

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 mile or 1% complete. The survey as a whole is 30% complete.

RS 544-1 (26) - Boyes-South
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Aug. 1, 1978

No work was performed on this project during the past period. To date, Right-of-Entry Permits have been secured, ownerships checked, and fly line established.

M 8001 (1) - Leighton Blvd. (Miles City)
Length - 1.0 Mile
Survey Not Started

Fld. Proj. Mngr. - Unassigned

Authorization to make this location survey was issued January 25, 1978. Engineering personnel will be assigned when available.

M 8004 (1) - Montana Avenue (Miles City)
Length - 1.1 Miles
Survey Started: January 3, 1978

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: May 1, 1978

Work in progress during the past period consisted of making section ties on 1.1 miles. To date, centerline and levels have been run, bench marks established, cross section and topography taken, and section ties made on 1.1 miles or 100% complete. Plan has been plotted on 0.5 mile or 45% complete. 13 man-days were used, making a total of 85 man-days. The survey as a whole is 72% complete. Work has been temporarily suspended on this project until snow cover and frost is gone so that underground utilities may be accurately located.

M 8008 (1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Not Started

Fld. Proj. Mngr. - Unassigned

Authorization to make this location survey was issued December 5, 1977. Work will be started when engineering personnel are available.

## CONSTRUCTION

I 94-3 (29) 90 U-2 - Forsyth-East and West
Length - 5.745 Mi. Grad., Gravel Surf.
Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - U.S. 12-I Conn.-Forsyth
Length - 0.306 Mile Grad., Gravel Surf., Pl. Mix Surf., Sign., and 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
R. R. Garland, Fld. Proj. Mngr. (Roadway)
W. D. Dane, Fld. Proj. Mngr. (Structure)
Forsyth, MT - Tel. No. 356-2230
Contract Time: 300 Working Days
Prob. Compl. Date: May 15, 1978

No work was performed on this project during the past period. All items have been completed with the exception of seeding, fertilizing, and fencing. The contract as a whole is 99% complete with 80% of the contract time elapsed. A three-man engineering crew is preparing and checking supporting data for final quantities.

I 94-3 (27) 114 - Hathaway-East and West
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., and 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
D. F. Borer, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 200 Working Days
Act. Compl. Date: Oct. 22, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 22, 1977. Formal inspection and acceptance were made October 24, 1977. The final estimate was submitted to the Division Office January 10, 1978, and is currently 96% complete.

F 39-1 (1) 13 - Colstrip-Lame Deer
Length - 7.5 Mi. Pl. Mix Overlay
Contract Let: March 31, 1977
Proceed Order: April 22, 1977
Amount of Contract: $678,362.60
Work Started: May 26, 1977

Baltrusch Constr. Co., Contractor
Havre, Montana
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 80 Working Days
Act. Compl. Date: Oct. 19, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 19, 1977. Formal inspection and acceptance were made October 27, 1977. The final estimate was submitted to the Division Office January 16, 1978, and is currently 90% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf. and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles S.E. of Miles City-N.W.
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 180 Working Days
Act. Compl. Date: Oct. 25, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions, October 25, 1977. Formal inspection and acceptance were made November 2, 1977. The final estimate was submitted to the Division Office January 16, 1978, and is currently 91% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 160 Working Days
Prob. Compl. Date: May 1, 1978

No work was performed on this project during the past period. All items with the exception of some minor fencing are now complete. The project as a whole is 99% complete with 85% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 100% complete.

OS 9 (1) - Bridge Over T&Y Irr. Canal
Cemetery Road (Miles City)
Contract Let: December 12, 1977
Amount of Contract: $83,114.00
Work Started: January 30, 1978

Mackin Construction Co., Contractor
Billings, Montana
J. R. Branum, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Completion Date: May 1, 1978
Prob. Compl. Date: May 1, 1978

Progress during this period has been fair. Work consisted of removing the existing structure, excavating and driving test and bearing piles for abutments one and two. The contractor worked twenty-three 8-hour shifts during this period with an average of 4 men employed. This project as a whole is 29% complete, with 56% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 35% complete.

SRS 4148 (53) Railroad Crossing
Signals 5th St. - Miles City
Estimated Cost: $30,400.00
Work Started: October 26, 1977

Force Account Work by Railroad
Forces - Milwaukee Railroad
D. F. Borer, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: March 15, 1978

The automatic flashing light signals were placed in operation January 4, 1978. Advance warning signs remain to be placed. The project as a whole is 90% complete.

Kenneth G. Rapp, P. E.,
Supr.-Div. Constr. Section

KGR:DM:rjs

cc: Div. File

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STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

March 3, 1978

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of February 4, 1978 through March 3, 1978.

## GENERAL

The temperature varied from 44° F above to 21° F below zero with 0.91 inches of percipitation recorded. Roads are in good winter travel condition.

## PRECONSTRUCTION

RF14-2 (01) 75 Martinsdale-East & Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71
Survey Completed: 4/5/73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Bridge situation survey was submitted to Helena on 9/19/73. Drainage and Irrigation Notes, including Field Recommendations were submitted to Helena on 7/18/73. Tracing Plan and Profile Linens remain 80% complete. IBM Run No. 2 was received 11/8/77. Plotting templates on cross-sections are 100% complete. The design as a whole is 20% complete with 68 man-days expended to date. The design has temporarily been suspended pending alignment study.

Two Dot-West: Bridge situation surveys were submitted to Helena on 9/18/73. IBM Run No. 2 was received on 9/29/77. The P.I.H. was held August 31, 1977. P.I.H. changes remain 50% complete. The design as a whole is 60% complete with 294 man-days expended to date. The design has temporarily been suspended pending Hydraulics recommendations. A 4 - 5 man engineering crew worked 33 man-days during the past reporting period taking and plotting reclamation data for the proposed borrow pits.

RS 236-1 (01)49 PN-Lohse Ferry Bridge & Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75
Survey Started: 12/13/76

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been done on this project during this past reporting period. The completed Section Ties were submitted to Helena on May 12, 1977. A total of 573 man-days have been expended to date.

RS 294-1 (01) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8/30/74
Survey Started: 3/25/76
Survey Completed:

Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project the past reporting period as personnel are presently working on preconstruction projects in the Lewistown area.

F 57-2 (02) 33 Stanford East & West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Started: 1/31/77
Survey Suspended: 4/6/77
Survey Resumed: 5/19/77

Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 523-5327

A 4 to 6 man engineering crew expended 86 man-days the past reporting period on topography, establishment and referencing of control points and running of centerline. Items and percentages of completion are as follows: centerline established stations 64+52 to 545+00 or 69% complete; control points established and referenced stations 64+52 to 764+45.4 or 85% complete; traverse for closure run stations 64+52 to 764+45.4 or 98% complete; bench marks established stations 64+52 to 465+71.5 or 57% complete; cross sections taken stations 64+52 to 465+71.5 or 57% complete; topography taken stations 64+52 to 465+71.5 or 57% complete; section ties 0% complete; plan plotted stations 64+52 to 764+45.4 or 38% complete; profile plotted stations 64+52 to 465+71.5 or 57% complete; drainage areas 5% complete; bridge situations 5% complete; ownerships established 100% complete; cross section notes checked and reduced 55% complete and cross sections plotted stations 64+52 to 100+00 or 5% complete. The overall survey is 45% complete with 660 man-days expended to date.

RF 57-2 (01) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1/22/74
Survey Started: 1/6/75
Survey Suspended: 4/7/75
Survey Resumed: 1/22/77 & 2/6/78

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

The completed location survey and supporting data, with the exception of section ties, were submitted to Helena 8/23/77. A five man engineering crew expended 60 man-days making section corner ties during the past reporting period. Survey work resumed on 2/6/78 with field work approximately 85% complete. Plan In Hand inspection on the project was 2/28/78.

F 57-3 (03)122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/15/72
Survey Started: 11/25/74

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No field work has been accomplished on this project this reporting period. Two men expended five man-days the past reporting period plotting, checking and inking Mylar. Ownerships checked, centerline run, bench marks set and levels run and checked, roadway cross-section taken, topography taken and profile plotted are 100% complete. Section ties remain 33% complete, field notes checked 85% complete, and plan plotted, checked and inked is 22% complete. The survey as a whole is 80% complete with a total of 536 man-days expended to date.

RS 462-2 (1)15 Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4/10/73
Survey Started: 9/10/73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project the past reporting period. The completed location and supporting data, with the exception of section ties and the additional borrow pits survey data, was submitted to the Division Office on 7/11/77. Hydraulics data was submitted to Helena on 6/29/77. The P.I.H. was held November 14 & 15, 1977.
DESIGN SECTION:
The completed location and supporting data, with the exception of section ties, was submitted to the Division Office on 7/11/77. Hydraulics data was submitted to Helena on 6/29/77. The P.I.H. was held November 14 and 15, 1977. Eleven and one-half man-days were used making P.I.H. changes for 20% complete. The design as a whole is 60% complete with 170 man-days expended to date.

F57-3 (02)112 Grass Range-East
Approximate Length: 8.8 Miles
Survey Authorized: 6/22/77
Survey Started: 9/22/77

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

Field notes and all supporting data was submitted to the Division Design Section on December 16, 1977. Plotting and inking of cross-sections are 100% complete. Twenty man-days were used drawing and cataloging summary sheets for 100% complete. The design as a whole is 49% complete with 30 man-days expended to date.

F57-4 (1)130 Winnett-East & West
Approximate Length: 6.5 Miles
Survey Authorized: 2/5/72
Survey Started: 3/9/72

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A 4 - 5 man engineering crew worked 6 man-days during the past reporting period taking and plotting reclamation data for the proposed gravel pit for the subject project.

F 43-1 (1) 3 Lewistown-North
Approximate Length: 11.3 Miles
Survey Authorized: 3/16/77
Survey Started: 8/30/77

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

F 43-1 (1) 3 Lewistown-North - Continued

All location and supporting data was submitted to the Division Design Section on November 2, 1977. Plotting and inking of cross-sections, designing miscellaneous items, drawing and cataloging summary sheets and computing quantities are 100% complete. The design as a whole is 50% complete with 90 man-days expended to date. The completed design was transmitted to Helena February 3, 1978 for P.I.H. prints. The P.I.H. was held March 2, 1978. A 4 - 5 man engineering crew worked 11 man-days during the past reporting period taking and plotting reclamation data for the proposed borrow pit.

ER 72 (23) Lewistown-Southeast
Approximate Length: 0.445 Miles
Survey Authorized: 12/31/75
Survey Started: 7/2/76
Survey Suspended: 7/29/76
Survey Resumed: 9/27/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

All location data and final design data was submitted to Helena on 4/26/77. The P.I.H. was held 4/8/77. Utility agreements with the Mountain Bell were received on 7/22/77. Mountain Bell staked relocation 8/4/77. Form 133 and relocation plans received from Mountain Bell on 8/12/77. Mountain Bell completed their line revisions October 25, 1977.

RS 000S (57) Musselshell County
Signing Graveled Secondaries
Approximate Length: 17.3 Miles
Survey Authorized: 6/28/77
Survey Started:

Unassigned at this time

No work has been done on this survey to date. Work will begin when a crew becomes available.

M 7106 (3) Spring Street 8th-11th, Lewistown
Approximate Length: 1100.0 Feet
Survey Authorized: 12/6/76

HKM Associates
Consulting Engineers
Billings, Montana

Preliminary Plan-In-Hand meeting held December 13, 1977. Planning survey 95% complete. Planning and design 60% complete.

M 7106 (1) 4th Avenue-Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76

HKM Associates
Consulting Engineers
Billings, Montana

Preliminary Plan-In-Hand meeting held December 13, 1977. Planning Survey 90% complete. Planning and design 50% complete.

M 7103 (1) Airport Road-Lewistown
Approximate Length: 1.4 Miles
Survey Authorized: 12/6/76
Survey Started: 12/12/77

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Field location work has been suspended since 12/16/77 with survey 10% complete and 26 man-days expended to date. Engineering personnel are assigned to other projects at present.

RS 245-1 (1) 6 Mi. Northwest-Jordan
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project the past reporting period. R/W 72 authorization forms have been mailed to respective owners. A total of four man-days have been expended to date.

RS 294-1 (2)12 Lennep-East & West
Approximate Length: 7.0 Miles
Survey Authorized: 5/24/77

Unassigned at this time

No work has been done on this project the past reporting period. Four man-days have been expended to date establishing land ownerships along the proposed route.

F 14-4 (2)125 Pipe Failure-Ryegate
120" di. Pipe Failure near Ryegate
Approximate Length: None
Survey Authorized: 12/6/77

Martin VanMil P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been done on this project during the past reporting period.

RS 297-1(01)9 Hedgesville-North
Approximate Length: 6.0 Miles
Survey Authorized: 1/31/78
Survey Started:

Martin VanMil P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Four man-days have been expended to date establishing land ownerships along the proposed route.

## CONSTRUCTION

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix Bituminous Surfacing, Sewer Installation Signing, Lighting, and a 40.0 Prestressed Concrete Bridge over Spring Creek
Contract Let: 4/1/76
Contract Amount: $1,820,322.90
Work Started: 5/24/76

Washington Construction Company
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8731
Contract Time: 160 working days
Completion date: 9/6/77

The project was completed September 6, 1977 and accepted by Mr. H.J. Anderson, Director of Highways, as of September 8, 1977. The Final Estimate and Supporting Data were submitted to the Division Office Engineer on 8/30/77. The Final Estimate and supporting data are being checked in the Division Office. Final Estimate and supporting data will be submitted to Helena Construction Bureau March 15, 1978.

RF 138 (8) Roundup-North
Grade, Gravel, Plant Mix Surfacing
Bridge
Project Length: 6.2 Miles
Contract Awarded: 5/24/76
Contract Amount: $2,033,972.96
Work Started: 7/1/76

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow, S. E. T.
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Telephone: 538-8731
Lewistown, Montana
Contract Time: 180 working days
Completion Date: 10/24/77

The project was completed on October 24, 1977 and accepted by the Director of Highways as of November 8, 1977. Final Estimate and supporting data were submitted to the Division Office on December 1, 1977. Final will be submitted to Helena Construction Bureau March 15, 1978.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5/28/76
Contract Amount: $1,874,234.66
Work Started: 8/6/76

Hilde & Maronick Constr. Co.'s(JV)
East Helena, Montana
Bruce H. Barrett
Field Project Manager
Telephone: 423-5327
Hobson, Montana
Contract Time: 180 working days
Completion Date: 8/31/77

The Final Estimate and supporting data was submitted to the Division Office on December 14, 1977. Final Estimate and supporting data is being checked in the Lewistown Division Office.

F 61-4 (2)88 Slide Correction North of Fred Robinson Bridge
0.1 Mile Slide Correction
Contract Let: 7/28/77
Contract Amount: $112,121.50
Work Started: 8/22/77

Stuber Construction Company
Glasgow, Montana
Martin C. VanMil, P.E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 working days
Prob. Completion Date: 4/15/78

There has been no progress on the subject project during the last reporting period due to cold and inclement weather. The project as a whole remains 59.2% complete with 96% of the contract time elapsed. The Engineering crew is assigned to other projects at this time.

F 57-4 (4) 158
Riprap Musselshell River
ER72 (21) Melstone-Mosby
Flood Damage Repair
Petroleum County
Contract Awarded: 12/15/77
Contract Amount: $244,414.26
Work Not Started

Rehbein Contracting, Inc.
Plains, Montana 59859
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Probable Compl. Date: 7/1/77
Contract Time: 60 working days

Preconstruction conference was held in Division Construction Office on January 18, 1978. Contractor plans to begin on riprap, if weather conditions permit, about 3/20/78. Construction layout is 100% complete with Engineering personnel assigned to other projects at this time.

SMP 3099-77 Meagher County
Maintenance Stockpile
Contract Awarded: 12/15/77
Bid Price: $64,840.00
Work Started:

Empire Sand & Gravel
Billings, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 35 working days
Probable Compl. Date: 5/1/78

Project let November 17, 1977 and awarded December 15, 1977. Proceed to Work Order was issued for January 5, 1978. No working day time has been assessed due to weather and temperature conditions to date. Preconstruction conference was held in Division Construction Office on January 16, 1978. Contractor advises they will begin crushing operations as soon as weather conditions moderate.

Respectfully submitted,

R. W. Freeman, P.E. Supervisor
Division Construction Section

RWF/JHP/den

cc: Field Project Managers
Division File

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
DECEMBER 9, 1977

MONTHLY PROGRESS REPORT

DIRECT FEDERAL CONSTRUCTION

MONTANA

December 9, 1977

| Project | Location | Length | Type Work | Percent Time Used | % Work Completed and Estimated Completion Date | Contractor and Contract Amount |
|---|---|---|---|---|---|---|
| BHC 1(3) | Big Horn Canyon National Recreation Area | 9.65 | Grading, PMS | 115 | Completed November 11, 1977 | R. J. Studer & Sons<br>~~$3,464,525.00~~<br>~~$3,444,860.00~~<br>~~$3,473,520.00~~<br>$3,554,929.00 Final Amount |